



Curriculum Vitae L

Homepage: <https://sites.google.com/view/debasis-paul/>

University Counselor - Academic (Victoria University Of Bangladesh), Teacher & Author Web Development (Technobd Pvt. Ltd.).

paulcsail.mit.edu@gmail.com 880157224 9595 Skype: debasispaul_1



Debasis Paul, Bangladeshi Citizen

Date: 30 March, 2020
Dhaka, Bangladesh

Contents

- Education Page 3
- Current positions Page 3
- Industry Grooming 3, Research Interest Page 4
- Experience Page 13
- Awards: Research, teaching, service and others 4
- Publications 5
- Citation Impact: h-index 05
- Key research outcomes: Deployed research, Companies Founded, Centers Founded and Patents 03
- Funding as PI or Co-I 51 Teaching and Education I: Past and Current students and postdocs 04
- Teaching and Mentoring: Key Awards Page 4
- Teaching and Education I: Students, Thesis Committees Page 4
- Vita 2 Teaching and Education II: Courses Developed and Taught 05
- Teaching and Education III: International activities 06
- Selected significant invited presentations 07
- Service I: National, State, City Service 08
- Service II: Research community 09
- Service III: University, school and departmental service 10
- Consulting 11
- Selected Relevant Articles in Popular Media 13

Appointment

- University Counselor From Sep 06, 2016 Victoria University Of Bangladesh, Dhaka
- Teacher, Trainer & Author (Software Engineering- Web Application Development, PHP, Laravel, WordPress) From August, 2019 Technobd Training, Dhaka, Bangladesh
- Singer, Musician, Teacher Cloudmind Institute Of Music, From January 2001

Founder

AstroLabs Technology, AstroLabs Dhaka Coding BootCamp, Debasis Paul Institute Of Technology, Debasis Paul Institute Of Music.

Phone

01572249595, 01881868907, 01316-560809, 01913879748, 01401882387, 01827424806,
01972030472, 01646901444, 01646979994, 01764199207, 0164697999

E-mail

debasis.gov.bd@gmail.com debasis.a2i.pmo@gmail.com debasis.ictd.govbd@gmail.com
debasis.bcc.ictd@gmail.com debasis.ledp.ictd@gmail.com debasis.bitm.basis@gmail.com

Web

Skype: debasispaulofficial debasispaul_1 facebook: TheDebasisPaul, LinkedIn: debasispaul,
Instagram: debasispaul, Twitter: thedebasispaul, Github: debasispaul, Pinterest:
debasispaulofficial

Article:

<https://www.wikihow.com/User:Debasispaul> Publications:
<https://medium.com/@debasispaul> <https://paul-debasis.blogspot.com/>
<https://debasispaulofficial.wordpress.com/>

Founder, Co-Founder, Board Member

- Haq Institute Of Technology.
- AstroLabs Dhaka Coding Bootcamp.
- CloudMind Online Courses.

EDUCATION

1. 1/09-12/10 M.Sc. School of Computer Science & Engineering, Stamford University.

Concentration: Software Engineering, <http://www.stamforduniversity.edu.bd/>

Thesis title: UNIVERSITY ON WEB: A CASE STUDY OF USING MOODLE FOR COURSE WORK. Thesis advisors: Prof. Dr. MUMIT KHAN

2. 1/04-12/08 B.Sc. School of Computer Science & Engineering, Southeast University.

Concentration: Software Engineering, <https://seu.edu.bd/>

Thesis title: An object oriented approach to web based application design and implementation. Thesis advisors: Asst. Prof. Dr. Mr. Hossain Arif.

Current Positions at Victoria University

8/16- University Counselor (Academic).

Current Positions at Technobd Training

8/19- Teacher, Trainer & Author, Software Engineering & Programming Languages.

Current Positions Genuity Training

Sept. 5, 2018 - Trainer, Software Engineering & Programming Languages.

Current Positions at Cloudmind Group

Jan 1995 - Till date, Singer, Composer, Lyricist, Musician, Cloudmind Institute Of Music.

Jan 2009 - Till date, Founder, Entrepreneur, IT Advisor, Architect (Software), Cloudmind Tech- Solution

Jan 2009 - Till Date Founder & Lecturer, Cloudmind Institute Of Technology.

Jan 2009 - Till Date, Founder, Author, Teacher, Cloudmind Online Courses.

Industry Grooming Part I

1. 1/14-12/15 Higher Diploma In Software Engineering, Aptech - Mumbai
<https://www.aptech-worldwide.com/>
2. Specialization: Programming Language (C, C++, Java, Python, PHP, HTML, CSS, JS, AJAX, JQuery, SQL, Android, C#, MVC-5), Electronics & Electrical, Algorithms, Data Structure.
- 3.
4. 8/9/12-8/12/12 Web Design & Application Development, IAC, BUET.
<https://cse.buet.ac.bd/iac/index.php>
5. Specialization: -Creating dynamic websites using php & MySql Platform. -Creating Web Application Software.
- 6.
7. 6/14-5/15 Diploma In Web & E-Commerce From DIIT
<https://www.diit.info/diit-certified-diploma>
8. Specialization: Network Fundamentals, E-Commerce & Marketing, Graphics Design, Web Designing, Web Development, Programming Methods & Techniques using JAVA.
- 9.
10. 3/17-6/17 Certified Web Application PHP Developer From Bangladesh Institute Of Technology & Management (BITM-BASIS) <http://seip.bitm.org.bd/>
11. Specialization: -Creating dynamic websites using php & MySql Platform. -Creating Web Application Software.
- 12.
13. 10/14-2/15 Certified Professional Web Designe & Development From Creative IT Institute Of Bangladesh Details: <https://www.creativeit-inst.com/webdesign.php#link>
14. 1/95-2/06 Diploma In Vocal Music, From Music Academy & Profullo Sangeet Niketan, Music Academy, Shilpakala, Bagerhat, Khulna.
15. 8/16, Certificate of Acievement On Java, EY LLP (India), LICT (BCC, ICT Division, Bangladesh), NASSCOM (SSC) Certification, George Washington University, USA.

Industry Grooming Part II

1. 11/24/2017, Course Certificate on Introduction to Web Development, University Of California, Davis & Offered through Coursera.
2. 1/16 Certificate of Achievement, HTML5 from W3C, From W3Cx through edX.
3. 6/16 Certificate of Achievement, HTML5.0x:HTML5 Introduction, From W3Cx through edX.
4. 7/10, Certificate of Completion, Certified PHP Developer, w3schools.com
5. 7/13, Certificate of Completion, Certified HTML Developer, w3schools.com
6. 7/13, Certificate of Completion, Free Web Design Course, EDUCBA.
7. 5/16, Certificate of Completion, Running a Web Design Business: Defining Your Business Structure, Lynda.com From LinkedIn.
8. 10/15, Certificate of Completion, Front End Web Development, treehouse.
9. 5/18, Certificate of Completion, Python 3 Tutorial Course, SOLOLEARN.

Workshop

23/2/13-27/2/13, 5 Day workshop on Web Design & Development, ICT, BUET.

Research Interest

1. Programming Language & Software Engineering.
2. Data Science.
3. Theory & Algorithms.
4. Theory of Computer Science.

Teaching and Mentoring: Key Awards

1. 12/15-10/16 Sr. Lecturer in the Dept. of CSE, Aptech. <http://aptechbd.com/>

Characteristic Duties and Responsibilities: Designed a computer literacy program for Aptech with specific programs, goals and assessments. Designed classes on Computer Program for Software engineering students. Facilitated a computer lab of 50 people from computer use and designed appropriate and specialized lesson plans.

2. 11/09-12/15 IT Instructor & Course Coordinator, Computer Literacy Program Organized by Development Research Network Under Volunteers Association of Bangladesh

<http://dnet.org.bd/> <http://www.vabonline.org/home.aspx> <http://clpweb.org/>

Characteristic Duties and Responsibilities: Observed other instructors and lecturers, gathering valuable techniques to be implemented into future lectures and courses. Optimized learning plans, quantifying student progress through test administration. Created guides and course materials to reiterate lecture information and help students. Implemented and optimized new curriculum and day-to-day instruction to align educational strategies with industry best practices.

3. 2/13-2/14 IT Trainer (Volunteer), Bangladesh Scouts, Khulna

<http://www.scouts.gov.bd/>

Characteristic Duties and Responsibilities:

Observed other instructors and lecturers, gathering valuable techniques to be implemented into future lectures and courses.

4. 1/17-.. Guest Lecturer, Computer Science,
5. Monpura School & College <https://basic.dwsbd.com/p2/mc>
- 6.
7. 1/09-12/14 Instructor & Course Coordinator
8. Haq computer institute & e learning Bangladesh

Teaching and Education I: Students, Thesis Committees

Undergraduate Research Advising @Aptech

- Thesis: Real time classroom attendance management system

Islam, Md. Shafiqul ; Mahmud, Asif ; Papeya, Azmina Akter ; Onny, Irin Sultana

Fall '14 - Spring '15

- Software Engineering Practices in Bangladesh Confirmation Report Summer '14 - present

Performed By - 1405017, 1405050

- Web Service and Semantic Web Confirmation Report

Performed By - 9905045

- Semantic Web and its Application Confirmation Report

Performed By - 9805004, 9805051

Engineer's Theses @Aptech

1. Design and implementation of a MCQ-based on-line assessment system - (Part I: Server End) Confirmation Report, Performed By - 0305081, 0305105, Advisor - Debasis Paul
2. Design and implementation of a MCQ-based on-line assessment system - (Part II: Client End) Confirmation Report, Performed By - 0305100, 0305113, Advisor - Debasis Paul
3. Design and implementation of a MCQ-based on-line assessment system - (Part III: Assessment) Confirmation Report, Performed By - 0305083, Advisor - Debasis Paul
4. Study of Web Security Techniques Confirmation Report, Performed By - 0105002, 0105011 Advisor - Debasis Paul
5. Database Security in E-Commerce Applications. Confirmation Report, Performed By - 0105067, 0105087, 0105096, Advisor - Debasis Paul

APPOINTMENTS

8/19- Till Date Sr. Software Engineer, Author, Lecturer , Technobd Web Solutions (Pvt) Ltd.
<https://www.technobd.com/> Details: Author Of The Course The Full-Stack Web Developer Boot-Camp 2020 : Go from zero to hero in Web Development - 13 Courses In 1! Build 10+ Projects!

10/16- Till Date University Counselor, Victoria University Of Bangladesh
<http://www.vub.edu.bd/>

Details: Advise and counsel students and alumni concerning career plans; design and administer appropriate programs, services and activities to assist students and alumni with academic and/or career planning.

8/17- Till Date Trainer, <https://www.genuitysystems.com/> <http://genuitytraining.com/>

Responsibilities: Prepare all training material for courses, including PowerPoint presentations, skill exploration and exercises, and assessments. Train technical staff in developing in Visual Studio with the GUI editor tool and using PHP and Laravel framework. Conduct training on site and via video conferencing. Supervise the scheduling of training

programs while remaining flexible to new training demands. Gauge the effectiveness of training programs and adjust for optimal results.

2/16- 11/16 Project Manager at CBL Under Mizan IT.

<http://www.mizan-it.com/> Characteristic Duties and Responsibilities: Managing Projects & The team.

INDUSTRY POSITION & CONSULTANTS

8/14-Till Date Cloudmind Institute of Technology

8/14-Till Date Author, Lecturer, Coordinator & Ceo, CloudMind Online Coding School

Responsibilities: Advanced personal IT Skills and updated training courses including new product functionality. Delivered classroom based training on the Microsoft. Created classroom materials to facilitate skills training. Developed practice exercises for experiential learners. Gave feedback to class participants and provided individual coaching as needed. Provided assistance to the support department with end-user refresher training.

Details: Trained up thousand of people through online. Web Technology, Web Development.

8/14-Till Date Founder & MD, CloudMind Technology Pvt. Ltd. From January 2011 - Date.

1/09-12/14 Founder Chairman debasispaul Institute Of Technology

Teaching and Education II: Courses Developed and Taught.

1. Teaching and Education III: Courses Taught at the Institute Of CloudMind Technology
2. Spring 2017 CS 599, Introduction to Web Site Design and Web Applications Development & Outsourcing Technique, Computer Science Dept (joint with the School of Social Work)
3. Spring 2016 ISE 599, Professional Diploma in Web Applications Development (Laravel Framework), Industrial and Systems Engineering DeptFall, 2016 ENGR 102, Freshman Academy, School of Engineering
4. Spring 2013 CSCI 599, Certified Web Development Specialist, Computer Science Dept. Teaching and Education III-1: Courses Taught at the Haq IT Institute Under D.Net- CLP & Vub

5. <http://clpweb.org/>
6. <http://www.vabonline.org/home.aspx>
7. <https://dnet.org.bd/page/our-accolades>
8. Teaching and Education III-2: Courses Taught at the CIT
9. <https://www.creativeit-inst.com/webdesign.php#link>
10. <https://www.creativeit-inst.com/webdevelopment.php#link>
11. <https://www.creativeit-inst.com/apps.php#link>
12. Teaching and Education III-3: Courses Taught at the DIIT
13. <https://www.diit.info/short-programs>
14. <https://www.diit.info/6-months-certificate-programs>
15. <https://www.diit.info/diit-certified-diploma>
16. <https://www.diit.info/computer-science-and-engineering>

Teaching and Education III-4: Courses Taught at the APTECH

1. <https://www.aptech-education.com/web-designing-development-course.aspx>
2. <https://www.aptech-education.com/web-development-using-python.aspx>
3. <https://www.aptech-education.com/Smart-Pro-E-commerce.aspx>
4. <https://www.aptech-education.com/courses-accp-pro-e-commerce.aspx>
5. <https://www.aptech-education.com/courses-aptech-certified-web-developer.aspx>
6. Teaching and Education III-5: Courses Taught at Genuity Training
7. http://genuitytraining.com/webdesign_php.php
8. http://genuitytraining.com/webdesign_asp.php
9. http://genuitytraining.com/webdesign_animation.php

Teaching and Education III-6: Courses Taught at LICT Govt Project

1. <http://lict.gov.bd/pages/view/top-up-training>

Teaching and Education III-7: Courses Taught at Technobd Training

1. <https://docs.google.com/document/d/1vFCzft69ULT24dPr7wAZdYjPov6il25GWd-06q6JXoA/edit?usp=sharing>
2. https://docs.google.com/document/d/17cmmN3gwwvhjaaVs3PcU04hIkI_sSrhQmrDv7VHtPdds/edit?usp=sharing

3. https://docs.google.com/document/d/1g0ox2b9jssO6oBY1tbK5wBG4L_h0sblzMN4j6etbvNI/edit?usp=sharing
- 4.

Teaching and Education III-8: Courses Taught at BDJobs Training

1. <https://docs.google.com/document/d/1vFCzft69UIT24dPr7wAZdYjPov6il25GWd-06q6JXoA/edit?usp=sharing>
2. https://docs.google.com/document/d/17cmmN3gwvhjaaVs3PcU04hIkI_sSrhQmrDv7VHtPdds/edit?usp=sharing
3. https://docs.google.com/document/d/1g0ox2b9jssO6oBY1tbK5wBG4L_h0sblzMN4j6etbvNI/edit?usp=sharing

Teaching and Education III-9: Courses Taught at Clodmind Online Courses

1. <https://sites.google.com/view/cocint/home>
2. Teaching and Education III-10: Courses Taught at Clodmind Institute Of Tehnology
3. <https://drive.google.com/file/d/1aoO3nP4eKrizbRWxfORkhAYkJB2sRQ0E/view?usp=sharing>
4. <https://sites.google.com/view/citbd/home>

Teaching and Education IV: International activities

Selected International and National Tutorials

1. [T23] Complete Python Bootcamp: Go from zero to hero in Python 3 Tutorial program, Dhaka, Bangladesh, July 2016 CloudMind Online Programming School
2. [T22] The Web Developer Bootcamp IISc BD workshop Dhaka, Bangladesh, Oct 2018 CloudMind Online Programming School
3. [T21] Angular 8 (formerly Angular 2) - The Complete Guide, Research Challenges West point, Dhaka, Bangladesh, Jan 2019 CloudMind Online Programming School
4. [T20] The Complete Web Developer Course 2.0, Research Challenges BD Police Academy, Mid-Career Training Course, Dhaka, Bangladesh, July 2018 CloudMind Online Programming School
5. [T19] M. Tambe Towards a science of The Complete JavaScript Course 2019: Build Real Projects! at AAMAS'2016, Dhaka, Bangladesh, July 2018 CloudMind Online Programming School

6. [T18] Modern React with Redux [2019 Update] Workshop and Symposium (iJAWS), JDhaka, Bangladesh, July 2018 CloudMind Online Programming School
7. [T17] React - The Complete Guide (incl Hooks, React Router, Redux) Institute for Pure and Applied Mathematics (IPAM) Graduate Summer School: Games and Contracts for Cyber-Physical Security, Dhaka, Bangladesh, July 2018 CloudMind Online Programming School

Guest Lectures (Teaching)

1. • Web Design & Development Training Plan, 2019: Market Design, ICT Division, BD September; 2019
2. • Web Design & Development Training Plan, LICT 2017: Intelligent Systems: Design and Ethical Challenges, ICT Division. February, 2019
3. • Web-Application Development using PHP & Framework, idb-bisew.org 2018: Market Design, idb-bisew.org, November '18.

Tutorials

1. • ICTPC-301 Android Mobile Application Development. IIT-Dhaka University, Dhaka, BD June, 2016. (Co-taught with Arpita Ghosh)
2. • ICTPC-302 Web Application Development. IFI (Institute for Informatics) Summer School, University of Dhaka, June 2016.
3. Dhaka, June 2016.
4. • ICTPC-303 Database Management and Administration. ASI 2010: Theory and Applications on Algorithmic Game Theory, Dhaka, July 2016.
5. Game Theory, Dhaka, July 2016.
6. • ICTPC-304 Fundamentals of Object Oriented Programming using Java. IIT-Dhaka University, Dhaka, BD August, 2016. (Co-taught with Arpita Ghosh)

Distinguished Lecturer Series

1. [1] Web Design Track
2. HTML5, CSS3, Joomla 2.5 and WordPress, Responsive Web Design
3. Graphics Design. Distinguished BITM Lecture, April 2016.
4. [2] Mobile Development Track
5. Android Application Development

6. iPhone Application Development
7. Windows App Development using HTML5 and Javascript Distinguished Lecturer,, May 2017.
8. [3] Web Design
9. After completion of this course the participant will be able to do
10. Design and build websites using HTML 5 and CSS 3.
11. Work with Forms, Canvas, Audio, Flash, Video and downloadable content.
12. Web graphics, logo, banner, graphics optimization and Hosting.
13. Java Script, JQuery, Project Management, Bootstrap Framework.
14. Mong Distinguished Lecture, Seip, bitm, July 2016.

Courses taught Summary

Term	Subject	Title	Role
ST93	*Aptech.*	Object Oriented Programming (OOP) - ASP.Net (C#) Track	
		Lectures	
FT97			
FT97	6.046	Agile Fundamental with Kanban	
	Complexity seminar		Recitations + Lectures (w. S. Goldwasser)
	Seminar		
ST98			
ST98			
FT98			
	6.966	PHP with CodeIgniter Framework	
	Complexity seminar		
	PHP with Laravel Framework		Recitations
	Seminar		
	Lectures + Development		

ST99

FT99

6.893 Complexity seminar

Approximability of Optimization Problems Seminar

Lectures + Development

ST00

FT00

FT00 6.045

6.046

6.897 Applied ASP.NetMVC

Introduction to Algorithms

Complexity Seminar Lectures

Lectures (w. S. Teller)

Seminar

ST01

FT01 6.046

6.897 Introduction to Algorithms

Algorithmic Coding Theory Lectures (w. P. Indyk)

Lectures + Development

ST02

FT02 6.841

6.896 Wordpress Plugin Development

Essential Coding Theory Lectures

Lectures + Development

ST03 6.841 Advanced Theme Development: Photoshop to WordPress with custom theme options Lectures

FT04 6.895 Web Programming Fundamentals using PHP for Beginners Lectures

Courses taught Key Point

1. • PHP with CodeIgniter Framework Complexity seminar PHP with Laravel Framework
2. • Web Programming Fundamentals using PHP for Beginners
3. • Wordpress Plugin Development Essential Coding Theory

Awards

1. • SEU Award (BSc . Thesis) 2008
2. • Bangladesh Scouts Award 2013
3. • Dnet- CLP Awards 2014
4. • Basis Member 2015
5. • BCS Member 2016

Principal lectures, Courses & Addresses

Courses, mini-courses, lecture series

1. • 6 months & 12 Months Certificate Course On Front End & Back end Web App development Using HTML, CSS, JS, PHP, MySQL, Wordpress, Laravel, Codeigniter Etc 2009- 2013 Cloudmind Institute, Haq IT Institute, D-Net.
2. • 4 year BSc Software Engineering Course 2013-2015 Aptech Java, C/C++, PHP, MySQL
3. • 2015-2016 Trainer, Web Design & Development CIT
4. • 2017- Lict Course, Front End Web Technology.
5. • 2017-2018 Web App development Using PHP Gnuity systems.
6. • [T23] Complete Python Bootcamp: Go from zero to hero in Python 3 Tutorial program, Dhaka, Bangladesh, BDjobs Training
7. • [T22] The Web Developer Bootcamp IISc BD workshop Dhaka, Bangladesh, BDjobs Training

8. • [T21] Angular 8 (formerly Angular 2) - The Complete Guide, Research Challenges West point, Dhaka, Bangladesh, BDjobs Training
9. • [T20] The Complete Web Developer Course 2.0, Research Challenges BD Police Academy, Mid-Career Training Course, Dhaka, Bangladesh, Technobd Training
10. • [T19] M. Tambe Towards a science of The Complete JavaScript Course 2019: Build Real Projects! at AAMAS'2016, Dhaka, Bangladesh, Technobd Training

Projects, Research, Publications

1. • Social Network By PHP
2. • Simple Restaurant Management System By PHP Laravel
3. • LAravel Social Network
4. • Online Quiz System in PHP & MySQL
5. • Simple Real estate Website Using OOP PHP Myadmin
6. • Research going on Programming Language GO Sep. 2019
7. • Publications On Medium, Wikihow
8. • Books- [1] Debasis Paul. Introduction to Web Technology: A Design Approach. Aptech Press, June 2017.

Experience

- 8/09-8/14 Founding Co-director Haq Research Center for IT in Society, Haq Institute Of ICT
- 8/14-8/16 Lecturer in Web Engineering, Aptech
- 8/16-8/17 Director of Software Development Project and Web Theory, Cbl
- 3/17-3/18 Trainer, Department of Software Engineering Department, Genuity
- 8/19-0/00 Lecturer, Computer Science Department, Technobd

Invited seminars

- – Aptech, Dhaka, June 2015.
- – Creative IT, Dhaka, June 2015.
- – Dnet, Khulna January 2014.
- Programming Projects
- <https://sites.google.com/view/debasis-paul/projects-research?authuser=0>

Professional Memberships

1. • Association for Software & Information Services, Bangladesh [Formerly, Bangladesh Association for Software] (BASIS)
2. • Association for Computer Samity, Bangladesh (BCS)
3. • E-commerce Association Of Bangladesh (Ecab)

Invited Tutorials

1. [1] Web design. Indo-US Symposium on New Directions in WD, Web Theory and Optimization, Development Research Network, Bangladesh, Dhaka, January 2015.
- 2.
3. Departmental Seminars and Colloquia
4. [1] Marketplace Peer prediction. Web theory Seminar, The Creative IT, Dhaka, April 2016.
5. [2] Optimal Ecommerce Design through Web. Social and Economic Computer Science seminar, Cloudmind Institute Of Technology, Dhaka, January 2018.
6. [3] Industrial Platforms For Womens Through Information & Communication Technology. Industrial Organization seminar, Aptech. Dhaka BD, November 2017.

Few Selected Articles in Popular Media

All articles and details available at:

<https://sites.google.com/view/debasis-paul/students-publications?authuser=0>

1. • On the frontline: Technology takes on the poachers, Prothom-Alo, August 2015
2. • With Problems Out There Waiting for Bangladesh, Public Health Practitioners Turn to Software Engineering for Help, Jugantor, April 2016
3. • How ICT Industry Can Grow, The Daily Star, October 2017
4. • How Software Engineering can outsmart criminals and improve society, PCMagazine, April 2017