Sign-In

https://forms.gle/8KyARQo4JgobDHKJ9

CSSG Career

Typical Career Paths

1 **Software Engineering**

Frontend, Backend, Fullstack, Security, and DevOps include some of the software engineering positions available.

2 **Product Designers** (UI/UX)

Design work and user research that go into creating a seamless product that looks and feels great.

3 **Product/Project Manager**

SEO of a product or a feature. Do competitive analysis and lead the vision for the product/project.

4 **Machine Learning Engineer/Data Scientist**

Lay a solid data foundation in order to perform robust analytics. Use methods to help company make better decisions.

Our Career Paths

1 Software Engineering

Frontend, Backend, Fullstack, and DevOps include some of the software engineering positions available.

2 Cybersecurity

SOC Analyst, Network Security Engineer, Cryptographer (Math and CS majors), Compliance Analyst (less technical), Forensic Analyst, Malware Analyst (Reverse Engineer), Red Team Penetration Tester, Security Engineer

3 Information Technology

Business User Support, Enterprise Integration Applications: CRM, Knowledge Base (Confluence), Work Management (JIRA), Cybersecurity Training

4 Mobile Development

Android/iOS development

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Getting your first internship

1 Learn the fundamental

Have a good fundamental understanding of programming concepts which taught in CPSC 120, 121, 131.

2 Build projects

Side projects are great way to help you strengthen your knowledge as well as show recruiter your expertise.

3 Have a good resume

We'll show you some example of our resume for reference in the upcoming slides.

4 Apply & Apply

In this economy, getting your first internship is harder than ever due to the competition so keep applying, sometimes it take 300 applications just to get 1 interview.

5 Networking

Make great connections with people in the field can give you great opportunities in the future, they can even refer you to the position which may help a lot.

Summer 2024 Tech Internships by Pitt CSC

github.com/SimplifyJobs/Summer2024-Internships

For 1st & 2nd year students ('26 or later)

1 Google STEP

https://buildyourfuture.withgoogle.com/programs/step

2 Microsoft Explore

https://careers.microsoft.com/v2/global/en/exploremicrosoft

2nd year: Sep 25th

1st year:

3 Duolingo Thrive

https://blog.duolingo.com/duolingo-thrive-intern-program/

4 Meta University

https://www.metacareers.com/careerprograms/pathways/metauniversity

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Resume + Github

➜ Build your resume
  ◆ Daniel's resume

➜ Build your Github/Portfolio
  ◆ Diamond's GitHub
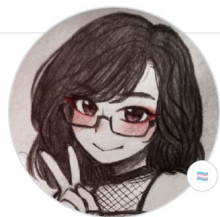
Diamond
diamondburned

Follow

♡ Sponsor

"See you next time." - osu | Google STEP 2022, SWE Intern 2023

⚇ 422 followers · 77 following

🏢 Google
📍 Google, Sunnyvale, CA
🕐 13:17 - same time
🔗 libdb.so

📖 Overview 　 🖥 Repositories 341 　 ⊞ Projects 　 ⊘ Packages 　 ☆ Stars 729

diamondburned / README . md

diamondburned (she/her, they/them)

Public Repositories 301 　 Stargazers 3950 　 Blog b.libdb.so 　 Ⓜ Mastodon: tech.lgbt not found

⬡ nixhub 5666 online

> Enter the Prompt

README generated in Bash.

- 📚 301 public repositories.
- ⭐ 3950 stargazers.
- 🖥 Programming Languages: Go (58%), TypeScript (5%), Shell (5%), and others (32%).
- 🗒 Preferred Licenses: GPL (21%), ISC (16%), AGPL (6%), and others (57%).
- 🖊 My blog: blog.arikawa-hi.me.

▸ Garfield

Pinned

🖥 libdb.so Public
Homepage for libdb.so

🖥 arikawa Public
A Golang library and framework for the Discord API

Daniel Truong

✉ aduy1122@gmail.com 　 🌐 danieltruongg.com 　 in linkedin.com/danieltruongg 　 ○ github.com/anhduy1202

EDUCATION

B.S. Computer Science 　 **Graduation Date:** May 2024 　 **GPA: 3.98**
California State University, Fullerton

SKILLS

Languages: Python, TypeScript, JavaScript/HTML/CSS 　 **Frontend / Mobile:** Next.js, React, Svelte, React Native

Backend: Express, FastAPI, Prisma, MongoDB, MySQL, DynamoDB 　 **Other:** AWS S3, Lambda, QuickSight, Glue, CDK

WORK EXPERIENCE

AMAZON WEB SERVICES | Software Development Engineer Intern | Seattle, WA 　 **May 2023 - Aug 2023**
- Developed a monitoring dashboard, integrating it to an internal data analytics service to promptly detect several metrics, resulting in increasing the detection process by 80% and automate the data collection process entirely
- Made a significant impact on the entire Documentation team by streamlining processes and improving visibility into more than 5000 localization packages total and 300 builds daily.
- Led the data transformation process using PySpark, AWS Glue, and AWS S3 to process 300 builds daily and prepare data for analysis and created a comprehensive dashboard with AWS QuickSight sourcing data from the internal datalake.
- Key contributor to an organization-level project, a new internal service tool for doc writers. Pioneered the implementation of Kahn's Algorithm to handle 9000+ entities data for a pivotal logic feature and collaborated with frontend engineers to develop the project's UI using TypeScript.

AMAZON | Student Research Fellow | Fullerton, CA 　 **Feb 2023 – May 2023**
- Selected as one of 10 CSUF students for the prestigious Amazon Student Fellowship program, collaborating with a team of 4 fellow students and developed a transgender resource mobile web application from inception to completion, incorporating stakeholder interviews, research, and data collection.
- Achieved 2nd place among 14 teams in the Engineering competition by CSUF, showcasing strong teamwork, communication, and coding skills.

ASSOCIATION FOR COMPUTING MACHINERY CSUF | Vice President | Fullerton, CA 　 **June 2022 – Present**
- Empowered a community of over 1000 tech enthusiasts as Vice President of ACM CSUF, fostering an inclusive and thriving tech club on campus. Led the successful organization of FullyHacks, CSUF's inaugural and largest in-person hackathon with more than 200 participants, providing a platform for students to showcase their innovation and coding prowess.

CAL STATE UNIVERSITY, FULLERTON | Data Science Research Assistant | Fullerton, CA 　 **May 2022 – July 2022**
- Researched about Data Science concepts such as data visualization, data analysis and Machine Learning concepts such as Linear Regression, K-Means Clustering,... under the guidance of Dr.Doina Bein
- Developed a Spotify Songs Recommendation System with K-Means and content-based filtering with optimal number of clusters through Elbow Method, Silhouette Number enhancing result outcome by 50%

PROJECTS

GAMEBOY SIMULATOR | A desktop application to simulate gameboy image style 　 **Sep 2022**
- Implemented PyQT, openCV to create a Computer Vision desktop application for image and webcam processing
- Led a team of 3 developers to work on the application, created CI/CD workflow using Github Actions, managed issues using Github Issues which improve productivity and consistency in the production branch by 60%

SPOTIFY RECOMMENDATION SYSTEM | Machine Learning model suggests Spotify song playlist 　 **May 2022**
- Analyzed Spotify songs, created custom datasets using various metrics including songs trend, song features correlation from 2017 to 2022 using Pandas, Matplotlib, Seaborn
- Implemented content-based filtering and One-Hot Encoding to determine user's top genre from personal playlist to create recommendation table with 50% more optimal cluster with Elbow Method, Silhouette Score

REDDAT | A full-stack social media web app 　 **Dec 2021**
- Launched a full-stack social media mobile web app similar to Reddit, reaching 2000+ users during beta launch
- Built API endpoints with authentication using JWT authentication, Express, Node.js, MongoDB applying MVC pattern
- Developed web app user interface with React, Redux Toolkit, and built chat room features with Socket.io increases user traffics by 60%

9

Other Resume

Jacob's resume

JACOB NGUYEN

Fullerton, California
Phone: (951) - 775 -6789

https://github.com/barrotbake   https://bit.ly/3B1RwOZ   nguyenjacob411@gmail.com

EDUCATION

California State University, Fullerton
August 2019 - May 2023
Bachelor of Science in Computer Science

SKILLS

Languages and Frameworks: Python, JavaScript, C++, React.js, Redux, HTLM/CSS, Nodejs, Swift, .Net Core
Tools/Others: Git, Figma, Linux, Visual Studios, MongoDB, Azure Devops

EXPERIENCE

Microsoft & Cyborg Mobile - New Technologist Intern   June 2021 - August 2021
- Selected for an 100 person intern cohort out of a pool of 1700+ applicants
- Developed a spec for the product during the design thinking phase
- Rapidly prototyped a Minimum Viable Product with React and Material UI

Microsoft - Software Engineering Intern   May 2022 - August 2022
- Developed an end to end full stack web service from scratch with React and .Net Core
- Wrote a design doc and created work items for 12 weeks
- Modified the API codebase to accept calls from my application
- Collaborated with team of full time software engineers to bring the project to completion

PROJECTS

Canvas Discord Bot
- Worked in a team of 6 to build a multi service bot that integrated Canvas and Discord
- Created front end React component library for my team to use
- Worked web backend login feature that allowed users to create an account on our website with MongoDB
- Set up a server to run node commands to interact with our noSQL database

Nice-Breakers
- Making ice breakers less awkward by introducing a series of online bonding minigames
- Mocked up user journey, wireframes, and higher fidelity prototype for the project
- Used Next.js and created react components to modularize the project

NoteSnap
- Won Best Overall Hack at QWER Hacks
- Scans notes and digitally index them for editing
- Implement Google's Vision API through Firebase and created UI using Swift Storyboard
- Created in the last 6 hours of the hackathon!

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in LinkedIn

Angel's Example: linkedin.com/in/asantoyo

Angel Santoyo · 1st
CS at CSUF | IT Intern at Niagara bottling
Santa Ana, California, United States · Contact info
305 connections

Karnikaa Velumani, Stephanie Pocci, and 78 other mutual connections

Niagara Bottling

California State University, Fullerton

Message **More**

Highlights

You both studied at California State University, Fullerton
You both studied at California State University, Fullerton from 2022 to 2023
Message

About

Hello! I'm a student majoring in Computer Science at Cal-State Fullerton with a passion for learning new things daily. My interests include development, and security. I enjoy writing software and learning about different web vulnerabilities.

Featured

Link | Link | Link

My site :) | **My github :)** | **My Blog :)**
angs.dev | GitHub | blog.angs.dev

Experience

Information Technology Intern
Niagara Bottling · Internship
May 2023 - Present · 4 mos

-Develop automation scripts
-Create and document repeatable processes and tools for IT System Admin and SOC te
-Develop a master document detailing the implementation of Duo multifactor authentic
diverse user groups and applications in the network.
-Audit user groups varying permission levels and their implications for cybersecurity m

Database systems Intern
Ingram Micro · Internship
Jun 2022 - Aug 2022 · 3 mos
Irvine, California, United States

-Developed database applications in SQL on Oracle 19c by establishing an SSH connec
servers.
-Configured databases using Recovery Manager to ensure backup and recovery proce
providing crucial protection against data loss.
-Monitored database performance, implement changes and apply new patches and ver
required

Skills: Linux · Oracle Database · Secure Shell (SSH)

Data/Research Specialist
db&m Media, Inc.
Sep 2021 - Feb 2022 · 6 mos

Education

California State University, Fullerton
Bachelor of Science, Computer Science
2022 - 2023
Activities and societies: -
-Association of Computing Machinery
-Offensive Security Society
-International Collegiate Programming Contest competitor
-FullyHacks hackathon planning and operations team manager
-picoCTF 2023 participant
-LA hacks 2023 participant

Santa Ana College
Associate of Science, Computer Science
2018 - 2021
Activities and societies: Computer Science Club

Licenses & certifications

Learning Cloud Computing: Core Concepts
LinkedIn
Issued Aug 2023
Show credential ⧉

Skills: Cloud Computing

Azure Active Directory: Basics
LinkedIn
Issued Jul 2023
Show credential ⧉

Skills: Microsoft Azure · Azure Active Directory

Programming Foundations: Web Security
LinkedIn
Issued Jun 2023
Show credential ⧉

Skills: Web Application Security

Show all 12 licenses & certifications →

github.com/anguzz

acmcsuf.com/cssg

Resources

1 Check your emails from the Career Center	They often have great information regarding upcoming job opportunities, career fairs, and workshops.
2 ECS Career and Internship Expo	The Expo offers the chance to talk to many employers in the Engineering and Computer Science fields to network as well as for internships and job opportunities .
3 ECS Diversity and Leadership Summit	The ECS Diversity and Leadership Summit is a great opportunity to develop leadership skills, talk to professionals, and engage in speed mentoring.
4 Club Workshops	Our clubs offer much more detailed workshops that can help you improve and gain some new skills that you can utilize. It's important to get involved so you can add projects to your resume.

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Resources

5	External Sources	Indeed, WayUp, Handshake, STEM Advantage, LinkedIn, techintern.io, greenhouse.io, NSF REU, SURF (different links for different schools), Glassdoor, etc.
6	CICE	Center for Internships and Community Engagement in CSUF "prepares our diverse student body for academic and professional success"
7	Women's Center	Helps non-traditional students and women manage their lives and school as well as "parenting support services, leadership opportunities and programs to enhance academic and personal development", and if you are in need of professional clothing for interviews, there is Tuffy's closet.
8	Industry Fairs / Events	Software Company User Conferences: Tech companies put on giant conferences, but students can get in for free or at a big discount. New product launches, technical workshops, walk thru booths, etc. Diversity Focused Industry Events: SWE, Out for Undergrad, SHPE, AISES, etc.

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Organizations On Campus

	Organization	Description
	Association for Computing Machinery - Women (ACM-W)	Supports, celebrates, and advocates for the full engagement, education, and opportunities for women in all aspects of the computing field. Provide a wide range of programs and services for the contributions of women in STEM.
	Women in Computer Science & Engineering (WiCSE)	Offers support for computer science students in all years of their educational journey. Events that allow you to connect with industry professionals. Hosts the Diversity and Leadership summit each year.
	Offensive Security Society (OSS)	Focus on proactive and adversarial approach to protecting computer systems, networks, and individuals from cyber attacks. Teach fundamentals required for the cyber security industry in an open and inclusive environment.
	Video Game Development Club (VGDC)	Focuses on workshops and special events targeted for the game development industry. Collaborate with other disciplines to create video games each semester. Workshops foster skills in all aspects of development. Attend speaker events of professionals in the games industry.
	ACM SIGGRAPH	Learn more about the field of computer graphics and interactive technologies. Host special events and workshops for fields such as production, graphic design, gaming, interactive arts (VR, etc.) and upcoming technologies/software.
	Data Science and Machine Learning (DSML)	The purpose of this club is to organize meetings to share knowledge and experience about Machine Learning, Data Science, and Business Intelligence. Also, we are planning to host industry events, workshops, and Machine Learning/Data competitions/Projects.

Organizations On Campus

And more…

- Titan Rover
- Titan Rocket
- Tau Beta Pi
- Society of Manufacturing Engineers
- Society of Hispanic Professional Engineers
- Society of Automotive Engineers
- National Society of Black Engineers
- Institute of Transportation Engineers
- Institute of Electrical and Electronics Engineers
- Geo Institute Graduate Student Organization
- California Geotechnical Engineering Association
- American Society of Mechanical Engineers
- American Society of Civil Engineers

FAANG Interns

Google

amazon

Diamond (STEP, SWE)
Ethan (STEP, SWE)
Ashley C (STEP)

Daniel (SDE)

➜ What company did you work for?

➜ How did you get in?

➜ What was the experience like?

➜ Any tips, advices?

Q&A