

Tim Vuong

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EDUCATION

University of Maryland College Park | College Park, MD | *University Honors* Anticipated 05/2024
Bachelor of Sciences, Computer Science, Cumulative GPA: 4.0

- ❖ Coursework: Object-Oriented Programming, Discrete Structures, Linear Algebra. Probability and Statistics, Multivariable Calculus, Computer Systems (in progress), and Algorithms (in progress)

SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, C

Technologies/Frameworks: Git, Bootstrap, Django, AWS Lambda & S3, ReactJS, Unix/Linux, Jinja, JUnit

WORK EXPERIENCE

Resident Assistant | *Department of Resident Life* | College Park, MD 08/2022 - Present

- ❖ Earned RA of the month for drafting letter templates for 480 building residents, fostering inclusivity and engagement among 80 floor residents, and creating a board to honor Hiram Whittle and Elaine Johnson Coates
- ❖ Collaborate with 11 staff, University Honors, and Heritage Community to coordinate 8 events for 1000 students
- ❖ Resolve 2 issues with conflict management tactics, remaining calm under pressure to ensure residents are safe

Instructor | *Iribe Initiative for Inclusion and Diversity in Computing* | College Park, MD 06/2022 - 08/2022

- ❖ Promoted diversity in tech by teaching Scratch, Python, HTML, CSS, Javascript, Cybersecurity, and mobile application development to 100 students from underrepresented backgrounds
- ❖ Voted best instructor by 60 students and 7 instructors by providing consistent personalized support 40 hrs/week
- ❖ Facilitated discussions among 25 staff and students and delegate tasks to redesign curriculum for 4 camps

Server & Cashier | *Pho & Grill Olney* | Olney, MD 05/2021 - 08/2021

- ❖ Trained 3 new employees while managing 70+ transactions, ensuring all customers are satisfied with service
- ❖ Spearheaded a placement system to optimize carry-out processes by 10% and reduce errors by 60%

PROJECTS

DjangoImageScraper | *Django, Python, BeautifulSoup, HTML, CSS, Bootstrap, JavaScript, Jinja, AWS Lambda and S3*

- ❖ Developed full-stack image scraper, displaying images from a user's inputted URL following a RESTful API
- ❖ Created responsive website with Bootstrap, HTML, CSS, and JavaScript, extracted images with BeautifulSoup, routed GET requests with Django, and deployed web app with AWS Lambda and S3 Buckets

WilderTrace | *React, MongoDB, Node.js/Express.js, JavaScript, HTML, CSS, react-map gl, Git*

- ❖ Won **Bitcamp 2022 Best Educational Hack** by programming a full-stack web application that maps animal migratory data from MoveBank.org to mapping API, outperforming 63 teams
- ❖ Crafted 3 reusable and responsive React components for user interactions and displayed markers on react-map gl

Personal Website | *HTML, CSS, Bootstrap*

- ❖ Built portfolio website, acquiring and applying knowledge of HTML, CSS animations, and Bootstrap framework

Polymorphic Binary Search TreeMap | *Java, JUnit, Singleton Design Pattern, Javadoc, Data Structures*

- ❖ Implemented methods for a polymorphic binary search treemap in Java, utilizing Tree inheritance and interfaces, exception handling, JUnit testing, and the singleton design pattern with Javadoc commenting

EXTRACURRICULARS

Product Manager | *Hack4Impact IDRf Team* 09/2022 - Present

- ❖ Collaborate with IDRf and 8 engineers and designers to envision website, delegate tasks with KanBan board, and coordinate meetings and 2-week sprints to deliver an elegant and fully functional website for IDRf

Program Coordination Member | *University Honors Student Board* 01/2022 - Present

- ❖ Initiated a survey to improve 1000 student experiences by aligning UH initiatives with student interests
- ❖ Raised awareness for 8141 food insecure students, decreasing stigma and promoting the Campus Pantry