DIVYA KARTHIK

CONTACT

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🌐 divyakarthik33.github.io

BAY AREA, CA

SKILLS

Languages: C, C++, HTML, CSS, Python, JSON, Assembly x86, MATLAB
Software Tools: Amazon Web Services, Ansible Playbook, Capistrano, Datadog, Docker, fluentd, GIT, Jenkins, Jupyter Notebook, Kibana, Kubernetes, Terraform
Other tools: AutoCAD, Adobe Illustrator, JIRA, Confluence

COURSEWORK

Software Development and Object-Oriented Programming | Programming and Problem-Solving | Machine Dependent Programming | Discrete Math for CS | Data Structures | Algorithms | Computer Architecture | Digital Systems | Embedded Systems | Artificial Intelligence (NLP) | Applied Data Science | Artificial Intelligence Senior Design Project | Operating Systems

EDUCATION

🎓 **UNIVERSITY OF CALIFORNIA, DAVIS**
Computer Engineering (BS)
JUNE 2021

EXPERIENCE

SOFTWARE ENGINEER (DEVOPS/SRE) | POSHMARK
(July 2021 - Present)
- Supporting Infrastructure automation, expansion, and maintenance.
- Orchestrating deployment processes under a CI/CD pipeline by collaborating with various feature teams. Debugging critical issues for site reliability.

PEER ADVISOR | UCD ENGINEERING UNDERGRADUATE OFFICE
(March 2019 – June 2021)
- Advised engineering students regarding major evaluation, schedule planning and general academic questions. Lead Webinars and Orientation Events with 100+ students.

DIRECTOR OF MARKETING | WOMEN IN COMPUTER SCIENCE
(March 2020 -June 2021)
- Advertised club events via social media and conducted social recruiting. Lead member onboarding process. Assisted in planning and organizing biweekly club events with 50+ participants.

SOFTWARE ENGINEERING INTERN | POSHMARK
(June 2020 - August 2020)
- Implemented a Jenkins interface for automatically handling copyright image complaints entered by compliance team weekly.
- Developed a dynamic inventory for Capistrano using a python script. Used for production deployment.
- Implemented Terraboard, a version visualization dashboard for Terraform.

SOFTWARE ENGINEERING INTERN | ROBERT HALF
(June 2019 - September 2019)
- Using AWS, improved the Incident Management System by implementing search capabilities that return machine learning generated related cases from tickets in the AWS Support, ServiceNow, and Jira platforms.
- Implemented parsing, vectorization of information, automatic categorization, long-term storage, and a user-friendly interface.

TUTOR/ASSISTANT | ALOHA MATH MINDS
(July 2018 - September 2018)
- Tutored classes of 15-20 young students in reading, writing and ABACUS.

FRONT-END INTERN | MDOUT
(June 2018 - September 2018)
- Worked with the marketing team on company's website using HTML/CSS.
- Produced concepts via computer software (Adobe Illustrator/Photoshop) for advertising purposes.

ACHIEVEMENTS

Merit Scholarships: BICB, CFMA, Ernest Nancy Memorial, Tom Peters Memorial
AP Scholar with Distinction
AP + PLTW Recognition
Bollywood Dance
Piano (5 years)
PaTech (Promoting Ageless Technology) 150+ hours
Davis Public Library Book Sale