DIVYA KARTHIK

CONTACT

@ divyakarthik8399@gmail.com

☐ (925)-577-9921

🌐 www.divyakarthik33.github.io

BAY AREA, CA

⊙

EDUCATION

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

ACHIEVEMENTS

Scholarships: BICB ($1,500), CFMA ($2,500), Ernest Nancy Memorial ($1,000), Tom Peters Memorial ($1,000)
AP Scholar with Distinction
AP + PLTW Recognition
Bollywood Dance
Piano (5 years)
PaTech (Promoting Ageless Technology) 150+ hours
Davis Public Library Book Sale

SKILLS

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

COURSEWORK

Software Development and Object-Oriented Programming | Programming and Problem-Solving |Computer Organization and Machine Dependent Programming |Discrete Math for Computer Science |Data Structures | Algorithms and Programing |Computer Architecture |Digital Systems | Embedded Systems | Artificial Intelligence

EXPERIENCE

PEER ADVISOR | UC DAVIS ENGINEERING UNDERGRADUATE OFFICE
(March 2019-Present)
- Advise engineering students regarding major evaluation, schedule planning and general academic questions. Lead Webinars and Engineering Orientation Events with 500+ students Performed front-desk reception duties and administrative tasks.

DIRECTOR OF MARKETING | WOMEN IN COMPUTER SCIENCE
(March 2020-Present)
- Advertised club events via social media and 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 handling copyright image complaints. Deletes images and clears cache on AWS backend based on copyright image URLs entered by compliance team weekly.
- Developed a dynamic inventory for Capistrano using a python script. On demand, generates a Capistrano Ruby file of actively running instances and associated attributes.
- Implemented Terraboard, a version visualization dashboard, for Terraform. Utilized AWS (EC2, Load Balancer, Route 53, Target Groups), Terraform, Ansible Playbook, and Vouch.

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 Automatic Categorization, Parsing, Vectorization of information and long-term storage, and a user-friendly interface.

TUTOR/ASSISTANT | ALOHA MATH MINDS
(July 2018-September 2018)
- Tutored classes of 15-20 students (ages 5-12) on reading, writing and ABACUS math.

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