

DIVYA KARTHIK

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EDUCATION

- University of California, Davis
- Class of 2021
- Computer Engineering

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 Programming
- Computer Architecture
- Digital Systems
- Embedded Systems
- Artificial Intelligence

WORK EXPERIENCE

- **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.
- **PEER ADVISOR**
COLLEGE OF ENGINEERING | | 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.
- **SOFTWARE ENGINEERING INTERN (DEVOPS & SITE RELIABILITY)**
POSHMARK INC. | | 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 (CLOUD EXCELLENCE)**
ROBERT HALF | | SUMMER 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.

EXTRACURRICULARS

- 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