DIVYA KARTHIK

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**COURSEWORK**

**EDUCATION**

* 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

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

**SKILLS**

EXTRACURRCIULARS

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

**WORK EXPERIENCE**