Koorous Vargha

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EDUCATION

University of California, Santa Cruz   June 2021
Bachelor of Science in Computer Science   GPA: 3.47

Relevant Coursework: Data Structures, Algorithms, Computer Architecture, Operating Systems, Database Systems, Functional Programming, Calculus, Linear Algebra, Discrete Math, Probability Theory

SKILLS

Productive: Python, C, Java, SQL, Django, Flask, Amazon Web Services (AWS), Google Cloud Platform
Familiar: HTML, CSS, Javascript, Bootstrap, Firebase

EXPERIENCE

Technology Chair - *Circle K International, Santa Cruz*   May 2018 - May 2019
- Developed a website with SEO optimization that serves 50 daily active users
- Raised newsletter subscriptions from 400 to over 550 through advertising at club recruitment events
- Increased event turnouts by 25% through analyzing optimal times to send out emails

PROJECTS

AmberDash - *CruzHacks 2020*   Jan. 2020
- Acknowledged by Google for "Best Use of Google Cloud" out of 300+ projects
- Used Google Vision, Android app directs matched license plate info to Firebase from active amber alerts
- Built dashboard using Flask to pull data from Firebase to display recent coordinates onto Google Maps

Django Blog - *Personal Project*   July 2019 - Aug. 2019
- Built a full-stack blog using Django that handles user authentication and new blog posts
- Deployed to AWS using Elastic Beanstalk and S3 that can scale to over 100,000 users

Google Singer - *CruzHacks 2019*   Jan. 2019
- Led a group of 5 to create a Python script that automates web scraping and funnels data into Google Cloud Natural Language API

Newegg Seeker - *Personal Project*   Jan. 2019
- Created Python script to web scrape and export data to a spreadsheet with shortened URLs using Bitly

CLUB ACTIVITIES

Google Developer Student Club - *General Member*   Oct. 2019 - Present
- Participated in study jams to learn the fundamentals of Google Cloud Platform

Society of Asian Scientists & Engineers - *General Member*   Sept. 2017 - Present
- Attended multiple events to network with software engineers

Circle K International - *General Member*   Sept. 2017 - Present
- Collaborated with other members in community service projects totaling to over 50 hours