Cavan Stewart

(916) 705 - 2366 | cavanwstewart@gmail.com | Portfolio | GitHub | LinkedIn

EDUCATION

University of California Los Angeles

Bachelor of Science, Mathematics of Computation   Graduated June 2019

San Diego Code School

Full Stack Developer Certificate   Graduated December 2019

TECHNICAL SKILLS

- Programming Languages: Python, C, C++, HTML/CSS, Kotlin, SQL, Javascript
- Frameworks: React.js, Node.js, Express.js, Flask
- Databases: Postgres, MongoDB, MySQL
- Tools/Applications: Linux Shell, Git, QT4, Unity3D, Blender, MS Office, Photoshop

PERSONAL PROJECTS

BeatSync

- A Kotlin android application that plays songs based on the user's heart rate
- I used Spotify's app remote api to control the songs played
- I wrote a python script to collect the heartbeat data from a sensor on a BeagleBone and transmit it to the phone via RFCOMM Bluetooth

WorkoutTracker

- A web application that a user can use to track their workouts
- User authentication done with Json Web Tokens
- Built with React.js, Node.js, Express.js, and MongoDB

*Additional projects on my portfolio website: https://cavanstewart.github.io/

WORK EXPERIENCE

UCLA Computer Support Technician   **November 2017 - June 2019**

- Provided end-user support for UCLA full-time staff
- Managed Microsoft Exchange mailbox and roaming profile databases for student residents
- Developed scripts that automated user profile migration

UCLA Lemur Robotics Lab Research Assistant   **October 2018 - February 2019**

- Researched self-driving vehicles
- Created a simulation in Unity3D for accelerating reinforcement learning

RELEVANT COURSEWORK

- **Computer Science:** Object Oriented Programming, Operating Systems, Networking Fundamentals, Databases, Programming Languages, Algorithms, Machine Learning

EXTRACURRICULARS

Vice President of UCLA Club Volleyball

- Handled financial decisions for the club and ran tournaments