Cavan Stewart

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EDUCATION
University of California Los Angeles
Bachelor of Science, *Mathematics of Computation*   Graduating June 2019

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

PROJECTS

BeatSync
- A Kotlin android application that plays songs based on the user's heart rate
- Uses Spotify App Remote api to play the music
- Uses a heart rate sensor attached to a Beaglebone dev board with python scripts for collecting data from the sensor and transmitting it via bluetooth to the application

WorkoutTracker
- A web application where users can store their daily workouts and view statistics
- Build with React.js, Node.js, Express.js, and MongoDB

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 functions, scripts, and reports that increased efficiency for UCLA's hiring process

UCLA Lemur Robotics Lab Research Assistant   **October 2018 - February 2019**
- Assisting a graduate student with research on self-driving RC cars in traffic
- Created a simulation in Unity3D for accelerating reinforcement learning

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

EXTRACURRICULARS
Vice President of UCLA Club Volleyball
- Handled financial decisions for the club and ran tournaments