

Aaron Huang

Computer Science Student @ UC Berkeley

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Education

University of California, Berkeley

Bachelors of Arts in **Computer Science**

aug 2018 - may 2022 (expected)

Skills

Technologies: Node.js, React + React Native, Express, Android Studio, Pandas, Git

Languages: Python, HTML5/CSS/JS, Java, SQL, Kotlin

Experience

UC Berkeley (Data 100)

jan 2020 - current

Academic Intern

- Helped run weekly labs to teach students data science fundamentals
- Helped debug student code written with various data science libraries (Pandas, NumPy, SciPy, PyTorch)

Soracom Global Inc.

jun 2019 - jan 2020

Software Engineer Intern

- Added analytics and remote management capabilities onto an electric scooter using Soracom's cellular services
- Created an Android app with React Native and Stripe API for accepting payments and unlocking the scooter
- Published articles and videos about the development process on Hackernoon

Project Loaf

jun 2017 - aug 2017

Mobile Developer

- Designed and developed an Android app for storekeepers to visualize and optimize foot traffic in stores
- Developed a way to track customers' location indoors using WiFi and Bluetooth probe requests with Raspberry Pis

Projects

Blindsight

sep 2018

Stack: Android, Node.js, Python (OpenCV), Tensorflow, Raspberry Pi

- Won Visa API, HERE Mobility SDK, and semi-finalist awards at TechCrunch Disrupt SF Hackathon
- Created a smartwatch device to assist the visually impaired through machine learning
- Used Python to perform object recognition and OCR
- Built a voice interface for Android with speech recognition and NLP APIs
- Featured on Hackster.io, Makezine, PYMNTS.com, and CBS

nowo's ark

apr 2019

Stack: Node.js, Cloudflare Serverless Workers, OmniSci, Soracom Air, Arduino

- Semi-finalist in the China-US Young Maker Competition and awarded "Best use of Serverless" by Cloudflare at HackSC 2019
- Built an inexpensive flood detection and alert system for third world countries
- Selected flood-vulnerable areas with clustering and used OmniSci for data stream visualization and analysis

PictRNNary

nov 2018

Stack: Bootstrap + JQuery, Node.js, Tensorflow, Keras, Microsoft Azure

- Awarded Best Use of Microsoft and Regional Microsoft Imagine Cup Semifinalist awards at CalHacks 5.0
- Created a web interface for an AI-powered Pictionary game with speech and speaker recognition.
- Hosted a recurrent neural network on Microsoft Azure to generate SVG drawings

Bobafetch

nov 2019

Stack: React Native, Stripe API, Python, Microsoft Azure, Arduino

- Won "Best Use of Hardware" and "3rd Place Overall" at CalHacks 6.0
- Created an automated boba barista machine and delivery robot in a weekend
- Built a customer-facing React Native tablet app for placing orders and buying bubble milk tea