

Brian Levis

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Education

University of California, Berkeley | May 2019

B.S. in Electrical Engineering and Computer Sciences

Major GPA: 3.8

Overall GPA: 3.5

Coursework:

CS 161: Computer Security (Fa17)

CS 170: Efficient Algorithms

CS 186: Database Systems

CS 188: Artificial Intelligence (Fa17)

EE 126: Random Processes (Fa17)

Math 53: Multivariable Calculus

Math 54: Linear Algebra

Physics 7B/C: Physics for Eng. II/III

EE 16A/B: Information Systems I/II

CS 61A: Programming Paradigms

CS 61B: Data Structures

CS 61C: Computer Architecture

CS 70: Discrete Math & Probability

Work Experience

Adobe Advertising Cloud

Summer 2017

Software Engineer Intern | Machine Learning Team

Built tools to evaluate performance of predictive models and monitor data pipelines

OpenText Analytics

Summer 2016

Software Engineer Intern | Server Team

Created a Java-based patching tool that was released as part of a product update

Technical Skills

Python | SQL | Java | Bash | AWS | Git | Tableau | C | LaTeX | Arduino | CAD | Go

Projects and Activities

Berkeley CodeBase | Project Developer

2017 –

Currently working on the backend system for a diabetes detection algorithm

Built with Django, and AWS EB, EC2, RDS, S3 and SQS

Automatic Nerf Sentry Gun

In Progress

Built a 2-axis Nerf turret with the goal of recognizing faces and targeting moving objects

Powered by Arduino, Raspberry Pi

Tweet Runner | CSUA Hackathon | 3rd Place

Fall 2015

Worked in a team of three to build a browser game that responds to the live Twitter stream

Used a Python wrapper for the Twitter API to serve a JavaScript front-end

Radio Map | CSUA Hackathon | Honorable Mention

Spring 2016

Worked in a team of three to build a location-based radio player and road trip map

Used a Flask server to scrape and traverse Wikipedia and search YouTube for music

FIRST Robotics | 1719 | Sub-team Lead, Project Manager, Business Manager

2011 – 2015

Oversaw robot design and system integration, coordinated fundraising, grants, and policy

Vex Robotics | 1727B | Team Captain

2012 – 2015

Won multiple local tournaments and statewide awards

Volunteer Work

Baltimore City Schools Middle School Robotics and Summer School Program

2013 – 2015

Johns Hopkins Hospital Summer Junior Volunteer Program

2013 – 2014