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 internal tools to evaluate model performance and monitor data pipelines

OpenText Analytics — Summer 2016
Software Engineer Intern | Server Team
Created a Java-based patching tool that was shipped with the Fall product release

Technical Skills

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

Projects and Activities

CodeBase Software Consulting Club — 2017 –
Currently working on the backend system for a diabetes detection algorithm

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