Brian Levis

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Education

University of California, Berkeley | May 2019
B.S. in Electrical Engineering and Computer Sciences
Department GPA: 3.8
Overall GPA: 3.5

Relevant Coursework:

CS 161: Computer Security	CS 170: Efficient Algorithms	CS 186: Database Systems
CS 188: Artificial Intelligence	CS 189: Machine Learning	EE 126: Random Processes
Math 53/54: Multivar. Calc./Lin. Alg.	Physics 7B/C: Physics for Eng. II/III	ME 132: Dynamic Systems
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

Bloomberg LP   Summer 2018
Software Engineer Intern | TBD
TBD

Adobe   Summer 2017
Software Engineer Intern | Advertising Cloud - Machine Learning Team
Built tools to evaluate and visualize performance of predictive models used to bid on ads

OpenText   Summer 2016
Software Engineer Intern | Analytics - 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 Manager   Fall 2017 – Present
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   Present
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

Radio Map | CSUA Hackathon | Honorable Mention   Spring 2016
Worked in a team of three to build a location-based radio player and road trip mapper

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