

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

Software Engineer Intern | TBD

TBD

Summer 2018

Adobe

Software Engineer Intern | Advertising Cloud - Machine Learning Team

Built tools to evaluate and visualize performance of predictive models used to bid on ads

Summer 2017

OpenText

Software Engineer Intern | Analytics - Server Team

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

Summer 2016

Technical Skills

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

Projects and Activities

Berkeley CodeBase | Project Manager

Fall 2017 – Present

SP '18 – Managed team to implement dynamic price floors for unified ad auctions

FA '17 – Built backend using Django and AWS EB, EC2, RDS, S3 and SQS for medical algorithm

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