Brian Levis

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Education

University of California, Berkeley
B.S. Electrical Engineering and Computer Science   *May 2019*
Major GPA: **3.8**
Overall GPA: **3.5**

Coursework

EE 16A/B: Information Systems I/II	CS 61A: Programming Paradigms	CS 61B: Data Structures
CS 61C: Computer Architecture	CS 70: Discrete Math & Probability	CS 168: Network Architecture (Fa17)
CS 170: Efficient Algorithms	CS 186: Database Systems	CS 188: Artificial Intelligence (Fa17)
EE 126: Random Processes (Fa17)		

Work Experience

OpenText Analytics Information Hub – Software Engineer Intern – Server Team   *June – August 2016*
- Created a Java-based patching tool to be shipped with the Fall product release

Adobe Advertising Cloud – Software Engineer Intern – Machine Learning Team   *May – August 2017*
- Built tools to evaluate model performance and monitor health of data pipelines

Technical Skills

Java, Python, C, Bash, SQL/Databases, Arduino, 3D modeling, Tableau

Activities

Personal Projects

Automatic Nerf Sentry Gun
- Built a 2-axis Nerf turret with the goal of recognizing faces and targeting moving objects
- Powered by Arduino and Raspberry Pi

CSUA Fall 2015 Hackathon – 3rd Place
- Worked in 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

CSUA Spring 2016 Hackathon – Honorable Mention
- Worked in a team of three to build a location-based radio player and road trip map
- Used a Flask server to search for hit songs and artist information

UCB HackJam 2015
- Worked in a team to build a web app that used Facebook Graph API queries to find free food

FIRST Robotics Team 1719   *2011 – 2015*

Technical Leadership Committee
- Device Team Leader: Led team to build main mechanism on competition robot
- Project Manager: Oversaw and coordinated robot design process and system integration

Administrative Leadership Committee
- Business Manager: Coordinated fundraising, publicity, logistics, and policy-making
- Successfully obtained $11,500 of sponsorship through grant proposals and presentations

Vex Robotics Team 1727   *2012 – 2015*

1727B Captain
- Awards: Excellence x2, Design, Tournament Winner x2, 2014 State Build, 2015 State Judges

Volunteer Work

Baltimore City Public Schools Middle School Robotics and Summer School Program   *2013 – 2015*

Johns Hopkins Pathology Core Lab through Summer Junior Volunteer Program   *2013*

Johns Hopkins Leukemia Research Lab   *2014*