Brian Levis

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Education

University of California, Berkeley | May 2019 **Department GPA: 3.7**
B.S. in Electrical Engineering and Computer Sciences **Overall GPA: 3.4**
Relevant Coursework:

CS 161: Computer Security	CS 162: Operating Systems*	CS 170: Efficient Algorithms
CS 186: Database Systems	CS 188: Artificial Intelligence	CS 189: Machine Learning
CS 194-26: Comp. Photography*	EE 126: Random Processes	EE 149: Embedded Systems*
Math 53/54: Multivar. Calc./Lin. Alg.	Physics 7B/C: Physics for Eng. II/III	ME 132: Dynamic Systems

** Fall 2018*

Work Experience

Bloomberg Summer 2018
Software Engineer Intern | Equities – Bloomberg Intelligence
Built a Bloomberg Terminal application to help content creators better understand readership
Created a Python microservice to process data, and a JavaScript front-end to display charts and visuals

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
Used Bash/Python/Scikit-learn for processing, Snowflake/Hive for storage, Tableau/Zeppelin for dashboards

OpenText Summer 2016
Software Engineer Intern | Analytics – Server Team
Created a Java-based patching tool that was released as part of a product update
Replaced a manual patching process with a simple version control system based on XML and logging

Technical Skills

Python | SQL | Java | C | JavaScript | Unix | Go | AWS | Tableau | LaTeX | Microcontrollers

Projects and Activities

Berkeley CodeBase | Project Manager Fall 2017 – Spring 2018
SP '18 – Led a team of 7 student developers to research and implement strategies for setting dynamic price floors for publisher inventory in unified ad auctions.
FA '17 – Worked in a team to build a web service for a client, using Django and AWS EB, EC2, RDS, S3 and SQS

Automatic Nerf Sentry Gun Present
Built a 2-axis Nerf turret that can target faces and other objects
Powered by Arduino, Raspberry Pi, OpenCV

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

Volunteer Work

Baltimore City Schools Middle School Robotics and Summer School Program 2013 – 2015
Johns Hopkins Hospital Summer Junior Volunteer Program 2013 – 2014