

# Brian Levis

blevis@berkeley.edu

brianlevis.com

 github.com/brianlevis

 linkedin.com/in/blevis

## Education

University of California, Berkeley | May 2019

B.S. in Electrical Engineering and Computer Sciences

Department GPA: 3.7

Overall GPA: 3.4

### Relevant Coursework:

CS 161: Computer Security

CS 162: Operating Systems

CS 170: Efficient Algorithms

CS 182: Deep Neural Networks\*

CS 184: Computer Graphics\*

CS 186: Database Systems

CS 188: Artificial Intelligence

CS 189: Machine Learning

CS 267: Parallel Computing\*

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

\* Spring 2019

## 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 service 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 and XML-based patching tool that was released as part of a product update

Replaced a manual patching process with a tool that enforced valid transactions and supported rollback

## 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 | 3<sup>rd</sup> Place

Fall 2015

**Radio Map** | CSUA Hackathon | Honorable Mention

Spring 2016