

Adi Zimmerman | adizim@berkeley.edu | 408.510.8702

**education** Homestead High School June 2016  
GPA 3.98/4.00, ACT 34/36, SAT Math 2 800/800  
Coursework includes AP CS, AP Calculus, AP Statistics

University of California, Berkeley Aug 2016  
to Present  
Bachelors in Computer Science  
Coursework includes Data Structures, Algorithms, Databases,  
Architecture, Networking, Security, Artificial Intelligence

**experience** Cisco Summer 2018  
*Software Engineer Intern, Kinetic IoT*  
- Built clustered, high availability, high performance MQTT Broker on top of Vert.x framework, demoed with AWS hosting and Raspberry Pi  
- Worked primarily with Java

Marvell Summer 2017  
*Software Engineer Intern, Embedded Processors Team*  
- Developed IoT Machine to Machine protocol between ESPRESSObin (Raspberry Pi-like board specialized for networking) and external device  
- QA for OS (Buildroot, Ubuntu) and servers (Plex Media, NFS, MySQL)  
- Worked primarily with Python  
- Reference: Senior Director Embedded Processors Aviad Enav Zagha

Berkeley Institute for Data Science Spring 2017  
*Undergraduate Researcher, Infrastructure Team*  
- Worked on website tool to connect students with research opportunities in data science  
- Worked primarily with Ruby (Rails)  
- Reference: Professor Information Management/Systems Anthony Suen

**projects** class  
- Database Management System (Databases) - implemented key parts of DBMS including B+Trees, join algorithms, query optimization, and lock management

personal  
- Website clones - built Hacker News and Youtube with React/Redux.  
View on [github](#)

**skills** coding  
Java, Python  
C, Go, HTML, CSS, Javascript, SQL, Latex

tech  
Unix, Git, Vim, MQTT, AWS, Gradle, Docker, numpy, pandas

language  
English (native), Hebrew (fluent)