Adi Zimmerman

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EDUCATION

UC BERKELEY
COMPUTER SCIENCE
(Certificate for Technology Entrepreneurship)
Expected May 2020 | Berkeley, CA
Major GPA: 3.6/4.0

HOMESTEAD HIGH SCHOOL
June 2016 | Cupertino, CA
AP Scholar with Distinction
ACT 34/36, SAT Math2 800/800
GPA 3.98/4.00

LINKS

github:// **adizim**
linkedin:// **adizim**

COURSEWORK

UPPER DIVISION
Algorithms
Databases
Networking
Security
Artificial Intelligence
Principles & Techniques of Data Science

LOWER DIVISION
Structure & Interpretation of Programs
Data Structures
Computer Architecture
Discrete Math & Probability Theory
Linear Algebra

SKILLS

LANGUAGES
English • Hebrew

PROGRAMMING
Proficient
Java • Python • Shell
Comfortable
C • HTML/CSS • Javascript • SQL • LaTeX

TECHNOLOGIES
Unix • Git • Vim • AWS • MQTT • Spark
Docker • Gradle • numpy • pandas

EXPERIENCE

CISCO | SOFTWARE ENGINEERING INTERN
May 2018 - August 2018 | San Jose, CA
- Built feature rich (clustered, high availability, durable) MQTT Broker on Vert.x
- Worked primarily with **Java**
- Reference: Boris Degtyar

MARVELL | SOFTWARE ENGINEERING INTERN
June 2017 - August 2017 | Santa Clara, CA
- Developed IOT Machine to Machine protocol between ESPRESSObin (RaspberryPi-like IOT community board specialized for networking) and external device.
- QA for OS (Buildroot, Ubuntu) and servers (PLEX Media, NFS, MySQL)
- Worked primarily with **Python** and **C**
- Reference: Aviad Enav Zagha

PROJECTS

DATABASE MANAGEMENT SYSTEM
Spring 2018 | Berkeley CS168 (Databases)
Built multiple layers of DBMS with key data structure (B+ Trees) and logic (various join algorithms, query optimization (System R), and lock management) with **Java**

WEBSITE CLONES
Fall 2017 | Personal
Built Hacker News, Youtube, Weather with **React/Redux**
Source code on github

RESEARCH

BERKELEY INSTITUTE FOR DATA SCIENCE | INFRASTRUCTURE TEAM
RESEARCH ASSISTANT
Jan 2017 – May 2017 | Berkeley, CA
Worked on website tool to connect students with research opportunities in data science with **Ruby (Rails)**
Team led by Professor Anthony Suen

EXTRACURRICULAR

SAN FRANCISCO SYMPHONY YOUTH ORCHESTRA | PRINCIPAL AND SECTION CLARINET
Aug 2014 - May 2016 | San Francisco, CA
Led and followed in four man section

ACADEMIC CENTER | TUTOR
2015 - 2016 | Cupertino, CA
Taught concepts in mechanical physics and mathematics