

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

Networking

Databases

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 • Flask • numpy •

pandas • scikit-learn

EXPERIENCE

CISCO | SOFTWARE ENGINEERING INTERN

May 2018 - August 2018 | San Jose, CA

- Built lightweight MQTT Broker designed for high horizontal scalability using Eclipse Vert.x and Apache Ignite
- Flexible deployment with choice of cloud compute engine (AWS, Azure, GCP) or on-premise with Docker
- Worked primarily with **Java**

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**

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 on Rails**

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