

ISAAC BERMAN

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EDUCATION

University of California, Irvine

Irvine, CA

BS Computer Science, BS in Software Engineering, Minor in Statistics

Sep 2018 - Jun 2022

Current Cumulative GPA: 3.92

Relevant Courses: Data Structure Implementation and Analysis, Design and Analysis of Algorithms, Discrete Math for Computer Science, Principles in System Design, Programming in C/C++

WORK EXPERIENCE

Facebook

Seattle, WA

Facebook University Engineering Intern

Jun 2020 - Aug 2020

- Developed multiple Android apps including a photo-sharing social media app and Twitter client
- Planned and executed sprints to develop a study group social networking app as the final project

UCI Student Event Services

Irvine, CA

Web Developer

Dec 2019 - Present

- Collaborated with a team of web developers, mobile engineers, and UX designers to create software that assists students and faculty
- Produced code based on client specifications for websites used by hundreds of employees and 27,000+ students
- Created responsive web apps in Angular and developed REST backends in C#
- Our Level Up website has won multiple national and global awards

Ardent Academy for Gifted Youth

Irvine, CA

Software Engineer Intern

May 2019 - Sep 2019

- Prototyped, refactored, and finalized React and React Native apps used by 1,000s of students, parents, employees, and instructors to manage extracurricular courses and activities
- Designed and implemented sorting and filtering algorithms for a GraphQL/RethinkDB backend service that reduced loading times by 95%
- Managed projects, tasks, and stories on 3-5 software projects with Jira project management software

FireCracker Math Summer Camp

Oakland, CA

Math Instructor

Jun 2018 - Jul 2018

- Taught extracurricular math to classes of 20 elementary and middle school children
- Developed daily lesson plans and activities

University of California, Berkeley

Berkeley, CA

Academic Intern

Aug 2017 - Dec 2017

- Tutored classes of 30-40 UC Berkeley students for the CS61A introductory CS course
- Assisted students with homework and class projects in Python, SQL, and Scheme

PROJECTS

Jotto

jotto.isaacdb.com

- Online two-player word game web app with chat room and reconnect features
- Used websockets to implement real-time chat and gameplay
- Utilized: *node.js, express.js, socket.io, HTML/CSS/JS*

J3FF QUEST

modular.itch.io/j3ffs-quest

- 2D platformer video game developed in a team of 6
- Designed character concept and implemented movement and controls
- Produced music and sound effects
- Utilized: *Unity, C#, Ableton Live*

SKILLS

Proficient Technologies: Python, Javascript, React, Angular, HTML, CSS, Git, REST, node.js

Familiar Technologies: C, C++, C#, Java, Android, Golang, React Native, GraphQL, Express.js