Kaden Weber

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Linkedin

Education

BS in Computer Science, with Arabic Minor

Brigham Young University, Provo, UT – GPA: 3.6

Expected Graduation: April 2020

Relevant Coursework

- Image Processing
- Data structures and Algorithms
- Software Engineering
- Technical Communication
- System Programming
- User Experience
- Computer Security

Professional Experience

Co-Founder and CTO

Canary Safety Inc. — Provo, UT

January 2020 - Present

- Interviewed potential customers and continually tailored business model
- Audited and implemented secure and robust application architectures

Research Assistant

Brigham Young University — Provo, UT

January 2019 – Present

- Developed clean and intuitive user experience in an Android app to collect motion data
- Trained machine learning algorithms to analyze and differentiate figure skating jumps

Engineering Intern

Showpad — Chicago, IL

May 2019 – August 2019

- Contributed and tested production code for a widely used enterprise iOS application
- Implemented a microservice by using the newest tools like Docker and coordinating across three teams

WordCruncher MacOS Developer

Brigham Young University — Provo, UT

January 2018 – January 2019

- Created new MVC architecture in Swift by translating thousands of lines of C++
- Found and customized online solutions to dozens of industry-specific problems

Projects

University Rover Competition

September 2019 - May 2020

- Improved and prepared a rover for a world-wide competition with more than 30 of the best prepared students from Brigham Young University
- Maintained a large codebase, implemented source control standards and best practices, performed code reviews, wrote unit tests
- Performed networking setup and troubleshooting, wrote bash and python scripts, used ROS to connect Cameras, GPS, and other sensors

Ascendant Anxiety Tracker

January 2020 - Present

- Working to quickly bring iOS app to market, wrote production quality code using newest frameworks like SwiftUI and Combine
- Implemented local datastore using GRDB

Crocker Innovation Fellow

January 2019 – December 2019

- Created innovative products as part of a cross-disciplinary entrepreneurship program
- Distinguished myself as one of the 5 juniors representing the Computer Science Major

Semester Project - Software Design and Testing

September 2018 – December 2018

- Took charge of 5 member team and created Java API and Android client of a multiplayer online game

MJPianos.com

January 2018

- Designed a business website for a friend, currently draws nearly 200 unique visitors per month
- Optimized SEO, organic search now accounts for 30% of traffic

Personal

- Brigham Young University Heritage Scholarship Recipient
- Stanford HSSC alumni
- Second-degree black-belt - assisted in teaching younger kids for five years
- Fluent in German, conversational in Arabic