

Duncan Crawbuck

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OBJECTIVE

I am a new graduate seeking a full-time software engineering position in a fast-paced, collaborative environment.

EDUCATION

Bachelor of Science, Computer Science

California State University, Sacramento

May 2020

3.5 GPA

Relevant Course Work

- Advanced Algorithm Design & Analysis
- Compiler Construction
- Database Management Systems
- Computing Theory & Programming Languages
- Operating System Principles
- Computer Networks and Internets

TECHNICAL SKILLS

Languages	Swift, C/C++, Java, Assembly (NASM and MASM), Javascript, HTML, CSS
Frameworks	UIKit, SwiftUI, React
Database	MySQL
Software	Xcode, Eclipse, Visual Studio, Vim
Development Tools	Git, Scrum

PROJECT EXPERIENCE

Fire Risk Alliance Sprinkler Database

September 2019 - May 2020

Senior Project

- A year-long Scrum-based team project to develop and deliver software following to client specification
- Deliverable was a React web application to compare spray patterns from a MongoDB database of sprinkler data, with database navigation and user login/authentication.
- Personally oversaw the implementation of an interactive d3.js visualization in the React application.
- Included biweekly end-of-sprint meetings with the client (Fire & Risk Alliance) and a faculty advisor.

iOS and Mac Apps

July 2019 - Present

- Developed games including Solitaire and Minesweeper and sold them on the iOS and Mac App Store.
- In the process independently learned Swift, UIKit, and SwiftUI.

CSC 131 – Computer Software Engineering

October 2018 - December 2018

- A collaborative group project developing software according to a provided specification.
- Developed a Java-based document indexer and search application with a graphical user interface.
- Followed the Scrum process and utilized shared version control.

WORK EXPERIENCE

In-N-Out Burger

June 2012 - September 2018

Level 6 Associate

- Worked in a fast-paced and adaptive environment that championed teamwork.
- Became a certified trainer with responsibilities including training associates in new roles and writing performance reviews.
- Developed a strong work ethic and learned to problem-solve in a high-pressure setting.