Duncan Crawbuck

(925) 548-7020
duncan@crawbuck.com
www.crawbuck.com

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   **May 2020**
California State University, Sacramento   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 2017**
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.