William Than Khaine

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Education

University of California, Irvine	**Expected Graduation June 2019**
B.S., Software Engineering	**G.P.A. 3.74**

Relevant Coursework: Data Structures Implementation and Analysis; Design and Analysis of Algorithms; Human Computer Interaction; Introduction to Data Management; Operating Systems Principles; Project Management; Programming in C++ as a Second Language; Programming in Java as a Second Language; Software Testing, Analysis, and Quality Assurance
Independent Coursework: FreeCodeCamp Front End Development

Work Experience

Square, Inc.	San Francisco, CA
Software Engineer Intern – Compliance Engineering	**June 2018-September 2018**

- Reduced need for manual intervention during user screening by using Ruby on Rails to expand range of processable data.
- Improved completeness of report generation process by integrating internal services via Ruby, Protocol Buffers, and RSpec.

UC Irvine ANTrepreneur Center	Irvine, CA
Newsletter Editor and Webmaster Intern	**January 2016-June 2018**

- Facelifted site, streamlining user access to knowledge about programs and resources while formalizing code deploy process.
- Facilitated brainstorms, wrote, and edited monthly e-newsletters to engage readers with startup resources and functions.

Technical Projects

Pacific Marine Mammal Center Seal Spotter	Irvine, CA
Co-Developer	**September 2018-December 2018**

- Co-developed mobile app and database integration to record marine life sightings, utilizing full software development lifecycle.
- Elicited requirements from sponsor, designed user interface of app, and utilized React Native to implement reporting features.

Dude, Where's My Ship?	Irvine, CA
Co-Developer	**September 2018-December 2018**

- Collaborated with four other teammates to design mechanics and story of mystery/RPG video game running on Unity engine.
- Validated and wrote inventory system features in C#, specifically detection, collection, and consumption of in-game objects.

UC Irvine ANTrepreneur Center Website (http://antrepreneur.uci.edu)	Irvine, CA
Developer	**August 2017-June 2018**

- Designed and built—with HTML, CSS, and Wordpress—new location promotion page that expanded sources of revenue.
- Created blog to showcase successful on-campus startups supported by Center functions, thereby boosting its reputation.

Dad Joke Generator (https://mankaine.github.io/dad-joke-gen)	San Gabriel, CA
Developer	**August 2016**

- Employed HTML, CSS, Javascript, and Bootstrap to build website that displays posts from Reddit's Dad Joke community.
- Enables users to interact view original post thread on Reddit, share post on social media, or randomly select another dad joke.

Extracurricular Activities

Management Information Student Society, UC Irvine	**October 2015-Present**
Mentor	**October 2016-June 2017**

- Guided mentees interested in increasing involvement in UC Irvine's computer science and business environment.
- Strengthened mentees' professional, technical, and academic skills, ending in 2017 in order to focus on academics.

Skills

Technical Skills: Proficient in CSS, HTML, Javascript, Python, React, React Native; Working Knowledge of C++, Java, RSpec, Ruby, Ruby on Rails, SQL
Soft Skills: Attention to Detail, Collaboration, Communication/Public Speaking, Organization