

Shawn Gavin

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Looking to obtain a professional position where I can design, implement and test software using my relevant experience, technical expertise, and problem solving skills

EDUCATION

University of California, Irvine, Irvine, CA

Sept 2014 – June 2017

B.S in Computer Science

GPA: 3.7

Relevant Coursework: Database Design and Management using SQL, Software Testing and Quality Assurance, Search Engine Design and Information Retrieval using Java Frameworks, Principles in System Software with C and Linux, Python Series, Data Structures with C++, Software Design writing requirement documents, Applied Cryptography

Long Beach City College, Long Beach, CA

Sept 2011 – June 2014

A.S in Mathematics

GPA: 3.3

Relevant Coursework: C++ Series, Intro to Microsoft Office, Physics using Calculus, Linear Algebra

PROJECTS

Cave Escape: Barbarossa's Revenge

A 2D side scrolling platformer developed on the Unity Platform

- Created and Implemented primary hook mechanic for game using C# scripts
- Managed created and borrowed assets as well as the git repository to ensure no version errors occurred
- Led team meetings using Agile Scrum that allowed rapid feedback and development

Lucene Search Engine

A search engine created using the Lucene Framework

- Implemented search functionality and index storage used by search engine
- Improved document boosting within index to obtain more accurate search results
- Assembled repository of documents from random sources to use for testing and development

HONORS AND AWARDS

- **University of California, Irvine:** Graduated with *cum laude*(top 8%), Southern California Edison Scholarship Recipient, Member of the National Society of Leadership and Success, Deans List for 7 Quarters Fall 2014, Winter 2015, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Winter 2017
- **Long Beach City College:** Dean's List with Great Distinction for 2 Semester 2012 Spring, 2012 Fall

VOLUNTEER EXPERIENCE

Minecrunch

Summer 2014

Linux System Administrator

- Ensured upkeep of linux based servers to allow continuous access to server by all individuals
- Wrote bash scripts used by the system that used polling to monitor status of server, automate server backups and restart servers every few days.
- Identified errors thrown by the system, addressed them and implemented new changes to server for next restart

OTHER INFORMATION

- **Programming/Scripting Languages**
 - **Advanced:** Python, C/C++, Java, C#, SQL,
 - **Intermediate:** Javascript, HTML/CSS, Bash, x86 Assembly, MATLAB, R, Haskell, Pascal
- **Familiar Environments:** Windows, Linux, Android, Node.js, MySQL, Unity, Git, PyGame
- **NJROTC:** Officer in JROTC program in which I led squads in regulation drill and academics and participated in my programs first and only attendance in a national competition for armed drill.