Mark Smith

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838 E 200 S #5, Salt Lake City, UT 84102

Education

University of Utah	Salt Lake City, UT
M.S. Software Engineering, Entertainment Arts and Engineering	*Starting Fall 2016*
B.S. Business, Marketing	*May 2005*

Relevant Classes

-Software Practice 1 & 2	-Computer Science 1 & 2
-Traditional Game Development	-Alternative Game Development
-Computer Systems	-Algorithms

Skills and Qualifications

Programming:

-C++   -C#   -Java   -Python   - PHP   -x86 Assembly   -MIPS Assembly

Projects:

Kitty Quest

- Coordinated with a team developing a game using the Unity engine and the Oculus Rift.
- Collaborate with researchers from the Psychology and Anthropology departments to track player movements in order to study spatial memory.
- Involved in many aspects of the game including level design, feature programming, QA, and GitHub management.

Online Multi-User Spreadsheet

- Updated a past spreadsheet project to a client/server model with a database back end.
- Handled multiple simultaneous client connections to a single sheet while maintaining the integrity of the data.
- Practiced SCRUM development, pair programming and Git/SVN version control systems.

Employment History

University of Utah, AOCE Registration and Cashiering	Salt Lake City, UT
Data Entry and Cashier	*Aug 2012-Current*

- Assisted customers registering and paying for classes.
- Taught an introduction to Java programming class for students age twelve to sixteen.
- Designed training documents for staff on how to use credit card payment terminals.

Pentara Corporation	Salt Lake City, UT
Software Development and QA Intern	*June 2015-Aug 2015*

- Developed functioning code modules to facilitate passing data between the client, server, and database.
- Researched best practices in web application development.
- Tested new features in an agile environment as they were coded.

University of Utah, Office of Student Recruitment	Salt Lake City, UT
Systems and Processing Coordinator	*Feb 2006-Nov 2010*

- Tested custom modifications and regular database function through university wide database upgrades.
- Hired, trained and supervised a team of four data entry staff.
- Queried perspective student data from the university database for campus departments.