

**Tyler Dailey**  
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## **Education**

University of Utah College of Engineering	Salt Lake City, UT
Bachelor of Computer Science	Graduation: May 2018
GPA: 3.797	

## **Relevant Skills**

### **Programming Languages**

Swift	C++	Qt	C#	Java	HTML
CSS	Ruby on Rails	MySQL	R		

### **Programming Environments**

Xcode	Visual Studio	QtCreator	Eclipse	IntelliJ
Emacs	RubyMine			

### **Work Environments**

OS X	iOS	Windows	Linux	Unix Terminal
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### **Relevant Courses**

Mobile App. Development	Software Practice I/II	Probability and Stats.
Web Software Architecture	Algorithms	Linear Algebra
Discrete Structures	Data Structures	Computer Organization

## **Technical Projects**

### **Class Project: Banking Educational Application**

- Created an application designed to teach children how to open a banking account, write checks, use mobile banking, and many other services.
- Worked on a team of 8 to develop the application, database, server, and implement animations using the Box2D physics engine.
- Main responsibilities included creating a simulation of a mobile phone with a banking application, as well as taking lead to ensure that everyone else was on schedule.
- Developed in C++ using the Qt Framework

### **Class Project: Battleship iOS Application**

- Currently working on creating a multiplayer implementation of the classic Battleship game, focusing on MVC architecture.
- Using Swift and Xcode as the main development tools.
- Eventually will be networked to allow players to play the game on multiple devices.

## **Relevant Experience**

### **Computer Science Undergraduate Teaching Assistant**

- Two semesters, beginning Fall 2016
- Courses: Introduction to Object Oriented Programming, Foundations of Computer Science

### **Technical Support for BobMyRealtor**

- Provided general support, Troubleshooting, Setup new LAN's, cleaned up hard drives, etc.
- August 2015 - December 2016