ROBERT OZIMEK

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SUMMARY

Computer science graduate with a background in retail sales and a passion for creating innovative desktop and mobile applications. Proficient in multiple scripting languages, and strong knowledge of data structures and database management. Pursuing an entry-level opportunity as part of a software engineering team that designs and tests new features, and collects and analyzes metrics of existing products to recommend opportunities for improvement.

EDUCATION

CUNY, Hunter College   **New York, NY**

Bachelor of Arts, Computer Science (June 2016) GPA 3.3

TECHNICAL SKILLS

OS:	MacOS, Linux, Windows
Programming:	C++, Java, Objective-C, Python, PHP, HTML5, JavaScript, CSS3, SQL
Software:	Git, Android Studio, Xcode, Eclipse

PROJECTS

Crowd Control Project
- Worked with a team of four peers to design a crowd control system, which determines if a room is at capacity and allows users to access this information from their mobile devices
- Coded program with python on a Raspberry Pi device, using the OpenCV framework to count the people entering/leaving a room, and reporting the results back to a server
- Developed both iOS and Android mobile applications that pull data off the server and display it through the user interface

FilmNotes
- Developed an iOS application that allows photographers to record their film camera's exposure settings along with the GPS coordinates for each exposure
- Written in Objective-C using Xcode, and exposure settings are stored in an SQLite database giving users the option to export their data via iTunes

GeoShoppingList
- Developed a shopping list application for Android that categorizes shopping lists by store location
- Users can take photos of retail items and also able to view their shopping lists on a map
- Written in Java using Android Studio

3D Snake LED Prism
- Designed a 3-dimensional gaming platform for users to play the retro arcade game of snake in 3D on an arduino
- Manipulated light emitting diodes in a configuration of 8 x 8 x 4
- Programmed an Arduino Mega 2560 microcontroller with Arduino IDE, and used ShiftPWM Library along with 8-bit shift registers to expand the number of PWM outputs

EXPERIENCE

2013 – Present   **Seaport Wine & Spirits**   **New York, NY**

Sales Clerk
- Provide sales support through proactive customer interaction at a retail store that specializes in artisan wines and spirits from around the world
- Built a basic WordPress website summarizing store operations and services (seaportwineandspirits.com)
- Mentored new sales associates on inventory management, business procedures, and processing customer deliveries