Colin Murphy

300 Park Point Drive, Unit 202a, Rochester, NY 14623

Phone: (203) 215-0915 • E-Mail: clm3888@rit.edu • Github: github.com/Colin-Murphy

Objective

I am seeking an internship as a software engineer during the fall of 2014, where I can utilize and build on my programming, leadership and communication skills.

Experience

High School Software Development   2012

- I designed a directory application for my high school to provide quick and secure contact information for students and faculty. The application was written in Objective-C with a Java server side client to query the schools MYSQL databases.
- Working with my schools IT department I helped set standards for how future data would be formatted. The program was so successful overall that my school set out to create a permanent student software engineer position.

Ocean City Beach Fee   Summer 2007-2013

- I worked as a supervisor in the Ocean City, NJ Beach Fee (tax collection) office. As a supervisor I led 25 employees in their daily tasks, and played a major role in the collection of over 7 million dollars.

Education

High School – Suffield Academy   2009-2012

College – Rochester Institute of Technology   2012-2017

I am currently a sophomore in RIT's Computer Science Bachelors program with a 3.4 GPA.

Skills

Best Languages: Java, Python, C, Objective-C

Experience with TCP and UDP communication types and the proper use of both Unicast and Multicast workgroups.

Strong understanding of MYSQL and SQLITE databases.

Hands on experience with mobile software development for iOS.

Web application design experience using the Django web framework.

Experience with multithreaded programming concepts and techniques for thread synchronization in Java and C

Experience with public key cryptology and encryption using RSA

Strong knowledge of C, pointer use and memory allocation.