

Nickolas J. Hilton

7 Alexander Rd • Londonderry, NH 03053 • (603)247-9124 • njh9650@rit.edu • nickhilton.net

Objective

Seeking a software development co-op in any location for the Summer or Spring of 2014.

Personal Profile

I am a dedicated hardworking student, experienced in computer programming, repair, and web development. I have a keen eye for detail, and am responsible with experience working alone and unsupervised. I have excellent time management skills, and it is very difficult to get me distracted from my work.

Education

Rochester Institute of Technology

BS in Computer Science, May 2016

Cumulative GPA 3.59

NH Community Colleges, Manchester NH

The following classes were taken while a high school student, through the Running Start program:

- Honors C++
- Visual Basic

Classes

- Mechanics of Programming
- Object oriented Programming
- Data Structures

AP Courses/Scores:

- AP Computer Science: 5
- AP Calculus: 5

Knowledgeable in:

- | | | |
|--------------|---------|-------------|
| • C# | • Linux | • Python |
| • Javascript | • Java | • SQL |
| • C | • PHP | • Photoshop |

Personal Projects (github.com/geekster777)

3-Dimensional Game Engine

Personal learning project coded in C# with XNA

Created in-game models and lighting

Programmed level-making functionality

8x8x8 LED Cube (work in progress)

A cube of LED's that display three dimensional animations using an Arduino and lots of solder.

Trivia Board Game Application

Project written with PHP, Javascript, and SQL

Web app to accept player trivia questions

Front end uses questions to play multiplayer game

Learned about web security, SQL injections, and cross site scripting.

Professional Experience

MITRE Corporation – Co-op (Summer 2013, Spring 2014)

Developed in C#, utilizing network capabilities to control multiple networked devices

Prototyped solution for securing digital artifacts in enterprise

Assessed user based technology to obscure the complexity of a collaborative tool being prototyped at Mitre

Organized group of potential end users for usability testing

Assessed and developed the prototype from the perspective of a millennial generation

Presented the results to the highest levels of the company

Nerd Herd Computer Consulting LLC – Company Owner (September 2010 – June 2013)

Consulting company primarily doing web development, programming solutions, and computer troubleshooting

Solely responsible for business development, client contact, and administrative duties

Majority of the work received by subcontracting through MBA Team, Boston Web Designers, and RI Web Design

Worked with client employees, using HTML, CSS, Javascript, and PHP to produce industry standard websites

Worked independently and in groups, utilizing time management, detail orientation, and content management

Rochester Institute of Technology Library (Fall 2013)

Web development in PHP, JQuery, and CSS

Worked with a large code base doing various projects for the school

Activities/Interests

- Computer Science House Member
- Guitar playing and Music Writing