

# Nicolas G. Stanzione

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*Available 3 month co-op starting summer 2015*

## EDUCATION

### **Bachelor of Computer Science (May 2015) and Masters in Computer Science (May 2016)**

University of Massachusetts, Lowell MA

GPA 3.7/4.0; Deans List (6 semesters)

### **Relevant Coursework**

*Completed:* Computing I/II/III, Calculus I/II, Probability and Statistics Computer Organization and Assembly Language, Computing IV, Logic Design, Organizational Programming Language,

Computer Architecture, Discrete Structures I, Intro to Operating Systems, Discrete Structures II

*Currently Enrolled:* Artificial Intelligence, Foundations of Computer Science, GUI Programming I, Analysis of Algorithms, Data Communications I (Graduate level)

## TECHNICAL SKILLS

### **Languages:**

Proficient in C and C++, and familiar with Python, HTML, XML, and Scheme

### **Operating Systems:**

Microsoft Windows, Mac OSX, Linux (Fedora, Ubuntu, CentOS)

### **Software Applications:**

Visual Studio, Eclipse, Junos, Openstack, Contrail, GNATS, SVN, Microsoft Office specifically Excel, Adobe Photoshop

## CO-OP EXPERIENCE

### **Software Engineer Co-op at Juniper Networks**

**Summer 2014**

- Completed multiple projects and tasks to help harden the release of Junosphere 4.0
- Wrote Python scripts to configure virtual images
- Installed and configured Linux servers
- Configured multiple network security devices, routers, and switches with XML and Junos command line interface
- Installed a test environment for Junosphere. Cabled network equipment, upgraded network equipment firmware, and configured network equipment

### **Software Engineer Co-op at Juniper Networks**

**Summer 2013**

- Worked with the Junosphere Development team programming in C++ and testing the web based GUI
- Coded over one thousand lines to create a file parsing tool in C++ using the Eclipse IDE
- Transformed over one million lines of log files into easy to read organized tables in Excel
- Learned and applied testing practices and testing ideology for large scale products
- Gained knowledge of software life cycle and how to write code in a professional setting
- Verified product releases on multiple systems and browsers
- Parsed over one million lines of text in 0.625 seconds