Andrew T. Grant

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EDUCATION: Rochester Institute of Technology, Rochester, NY

Bachelor of Science in Computer Engineering Technology (Expected December 2019)

Associate of Applied Arts and Science in Computing Technology (Graduated May 2016)

TECHNICAL SKILLS: Languages: C/C++/C#, HTML/5 and CSS, VHDL, XAML/Xamarin, JavaScript

Software: Microsoft Office Standard Suite, Visio, Software Center Configuration Manager,

Altera Quartus Environment

Hardware: Raspberry Pi 2/3, Arduino Uno, STM Nucleo-144, Altera DE1 and DE2 boards

Operating Systems: Windows 7, Windows 8.1, Windows 10, Linux

PERSONAL SKILLS: Demonstrates Integrity Reliable Self-Motivated Ability to Lead a Team

PROFESSIONAL EXPERIENCE & INTERNSHIPS:

Security Services/Client Services Internship, City of Rochester, Rochester, NY

August 2018 - Current

- Helped reform the Technical Infrastructure's Client Services team under new management.
- Planned and instituted vulnerability management software on various servers.
- Practiced incident response by clearing and documenting the phishing email.
- Participated in the removal of the implicit allow in favor for an implicit deny ruleset for the firewall.

Software Engineering Co-op, IMSWorkX, Rochester, NY

February 2018 – May 2018

- Analyzed and verified that company programs operated as intended.
- Documented any faults found within the program.
- Programmed and tested applications using the company's programming environment with JavaScript.

Website Assistant Developer, Westminster Consulting, Rochester, NY

September 2017 – February 2018

- Analyzed and studied the in-house cloud computing application prior to development.
- Built back-end development tools which includes queries, resources, and mappings using the Code-First method of data basing.
- Developing the front-end in the HTML/CSS and typescript environments using Angular 5 and the Clarity System.
- Reconstructing C# functions to typescript code.

Teacher's Assistant, Rochester Institute of Technology, Rochester, NY

January 2017 - May 2017

• TA for Computational Problem Solving I, Introductory Programming Course with C++.

Website Management, Chamberlin Rubber Company, Rochester, NY

October 2016 – August 2018

- Created and continuously updated user accounts for customers.
- Monitor website traffic data to keep track of customer interaction.
- Structure website item listings and update products based on user preference.

Quad-Copter Research Internship, Rochester Institute of Technology, Rochester, NY

May 2016 – August 2016

- Researched the possibility of successfully building a drone in specific software environments.
- Modified and programmed code for the Inertial Measurement Unit as well as the Pulse-width Module.
- Designed and presented research background for RIT's Research Symposium, winning the spotlight for 2016.

Client Support Analyst Internship, City of Rochester, NY

February 2014 - June 2016

- Created, designed, and implemented an Intern Orientation Program Information Technology Department.
- Executed completion of the Windows 7 Project, changing over 500 computers with a team of four people in 3 months.
- Pilot in a reformation project of 55 computers designed specifically for use in the field.

VOLUNTEER EXPERIENCE: Child Care and Education, San Jose, Costa Rica

January 2017

IT Help, Yale New Haven Hospital, New Haven, CT

June 2008 - August 2008