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EMPLOYMENT

Web Developer

Clark University – Mosakowski Institute

September 2017 – Current

- Modernized the Worcester Provider Alliance webpage using WordPress.
- Enabled user/admin logins using WordPress Plugins and SQL database.

Software Developer, Intern

UnitedHealth Group - Optum

May 2017 – August 2017

- Refined data visualization tables using AngularJS to enable PDF and CSV exportability.
- Improved UI front end to allow hundreds of insurance handlers to track payer variances.
- Conducted daily scrum meetings while implementing agile work methodology.

Software Engineer, Intern

Samsung – NeuroLogica

August 2016 – May 2017

- Implemented the foundation of an AForge Computer Vision framework with C# code base to be used by a team of 10 engineers.
- Reduced Unit Test operations by automating builds using Jenkins, SVN, and C#
- Configured an automated bug tracking system in Windows to reduce each engineer's bug postings by 10 minutes.

Technical Support Representative

Right Networks

May 2016 – August 2016

- Troubleshoot technology issues for hundreds of Right Networks customers in regards to their printer setups, QuickBooks hosting, and Microsoft Excel subscriptions.
- Accurately documented all customer interactions with a 99% customer approval rating.

Quality Assurance Specialist

Transparent Language

February 2016 – May 2016

- Tested language learning software by checking for user-side bugs.
- Worked with Jira and Confluence to document and track the status of any issues and bugs.

EDUCATION

Worcester, MA

Clark University

September 2016 – May 2018

- Candidate for Bachelors of Arts in Computer Science; GPA: 3.2/4.0
- Undergraduate Coursework: Operating Systems; Database Management and Systems Design; Theory of Computation; Data Structures; Algorithms; Programming Languages; Software Engineering; Calculus I & II.

Manchester, NH

Manchester Community College

September 2013 – May 2016

- Completed Associates Degree in Computer Science; GPA: 3.1/4.0

TECHNICAL EXPERIENCE

Projects

- **Distance Detection Application.** Developed an Android Application that could detect and display up to 13ft via a Raspberry Pi to prevent frontal vehicle collisions; Java, Python.
- **Scheme Interpreter:** Programmed a Scheme interpreter using C that supports variables, recursion, and user-defined functions.

ADDITIONAL EXPERIENCE

- **MIT Energy Hackathon:** Identified optimal drilling performance and fluid usage for McKinsey & Company. Built a drilling operations algorithm to maximize efficiency at corresponding depths. Final product is an

application that on-site engineers may use to amount time and cost depending on depth of drilled hole and type of fluid used. Placed 15th out of 50 teams.

- **Computer Science Club (President):** Founded the first computer science club at Manchester Community College and attracted/managed a team of 15 members.

Languages and Technologies

- C, Java, Python, C#.NET, HTML, CSS, SQL, XSLT, XML
- Git, SVN, Jenkins, Docker
- Linux (Ubuntu), Windows, OSX