Tydarius M. Young

Website: https://ty-portfolio.github.io/   Mobile: (585) 489- 0708   Email: tydarius.young72@gmail.com

EDUCATION:

Rochester Institute of Technology   Rochester, New York
     Bachelor of Science (Summa Cum Laude), Computer Science   May 2021
     GPA: 3.85/ 4.0
     Relevant Courses: Intro to Software Engineering, Analysis of Algorithms, Principles of Data Management

Monroe Community College   Rochester, New York
     Associate in Science, Computer Science   May 2018
     GPA: 3.86/ 4.0
     Relevant Courses: Intro to Data Structures, Concepts of Computing, Digital Computer Organization

CERTIFICATIONS:

Coursera (Online)   "Basics of Web Development and Coding" Specialization Certificate   March 2022

TECHNICAL SKILLS:

- **Back-end Development:** C#, C, GraphQL, Java, Python, SQL
- **Front-end Development:** Bootstrap, CSS, HTML, JavaScript, React *(Learning)*, Ruby on Rails *(Learning)*, TypeScript
- **Development Tools:** Bitbucket, Git, IntelliJ IDEA, JIRA, Microsoft Visual Studio, Vim, Visual Studio Code

RELEVANT PROJECTS:

Professional Portfolio (Personal Project)   February 2021 - March 2021
- Created a professional portfolio website (hosted by GitHub Pages) comprising relevant skills, work experience, etc.
- Enforced site accessibility by properly tagging images/ icons (some provided by Font Awesome) and enforced responsive design by utilizing the Bootstrap 5 Framework on each web page

Remote- Controlled Car (College Project)   November 2017 - December 2017
- Built and programmed, in C, a fully- functional remote-controlled car that can be controlled from a laptop through reading keyboard input given by the user (e.g., pressing 'W' to move forward, or pressing 'R' to increase speed)
- RC Car utilizes an LCD Display to display speed, ultrasonic sensor to prevent collisions and DC motors for mobility

PROFESSIONAL EXPERIENCE:

L3Harris Technologies, Rochester, NY   *Associate Software Engineer*   July 2021 - Present
- Performed bug fixes and added features to C#, XML and XSLT code/ documents responsible for setting, validating, and programming properties for L3Harris radios
- Packaged written code into product installers and produced build processes to validate installations
- Authored and updated requirements and release notes to accommodate product installations

Wayfair, Boston, MA   *Software Engineer Intern*   January 2020 - June 2020
- Implemented bug fixes for Python code responsible for processing product cost data and inserting it into SQL tables
- Restructured and revised the process(es) by which costs are offset and become accurately available to employees
- Wrote rigorous unit tests and descriptive documentation to ensure code functionality across multiple run states

L3Harris Technologies, Rochester, NY   *Software Intern/ Co-op Senior D*   May 2019 - August 2019
- Restructured a C# application, which simulates the creation and transmission of information in multiple Situational Awareness report formats, into a Platform that instead installs each format as a plugin
- Updated user interface design and extracted format- specific code and capabilities into format- specific plugins
- Developed plugin installers, shared libraries and build processes to ensure no functionality loss during restructuring