Correy Xu

948-999-0088 | correy.xu@gmail.com

Education

Old Dominion University
Class of 2025
- Bachelor of Science: Computer Science
GPA: 3.63

Old Dominion University
Fall 2025 - Current
- Master of Science: Data Science and Analytics

Skills

Languages: C, C++, C#, Java, Python, JavaScript, Groovy
Development Tools: Git, gradle, Digital.ai Deploy/Release, Dynatrace, Postman
Technologies/Frameworks: Node.js, Express, HTML, CSS, Jenkins, BeautifulSoup, AutoHotKey
Databases: SQL, Dynatrace Query Language

Work Experience

Software Engineering Intern

GE Vernova Gas Power - Norfolk, VA

January 2025 - April 2025
- Built a reverse proxy server using Node.js to consolidate request routing across services, improving security by minimizing firewall exposure.
- Created automated governance and deployment pipelines using Digital.ai Release for Central Agent Management systems.
- Applied Agile software development principles and continuous integration practices.

Mentee

NASA Langley Research Center - Hampton, VA

August 2013- May 2014
- Built a client-server system with Microsoft SharePoint to streamline project reporting processes.

National DEVELOP Program Intern

NASA Langley Research Center - Hampton, VA

May 2013- August 2013
- Collaborated on stress testing for beams used in Hypersonic Inflatable Aerodynamic Decelerator re-entry vehicles.
- Developed a C++ photogrammetry application to measure beam deflection and positioning.

Projects

Rewards Maximizer

Senior Project
June 2024 - December 2024
- Developed a web application using HTML/CSS/JavaScript, Rust, Python, and SQLite to recommend the optimal credit card for each purchase to maximize consumer rewards.

Combat Calculator/Simulator

Creator and Developer
September 2022 - Current
- Built Java and C++ applications to track and simulate combat scenarios in OldSchool Runescape. Utilized statistical modeling to predict expected values and variance.