Robert L. Wood

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York, Pennsylvania

Summary of Qualifications

2 years of relevant IT experience; 4 years of experience developing programs in Java, Python and JavaScript/TypeScript; 2 Years of experience developing programs in C; strong understanding of data structures and experience developing algorithms; 2 years of JSP front-end development; 2 years of SQL database design and development; 2 years of full-stack web development with Angular and Express. 1 year of experience developing backend programs in MIPS assembly.

Education

York College of Pennsylvania   **GPA: 4.0**
B.S. Computer Science   *December 2024*

Skills

Programming Languages: Python, Java, C, C++, C#, JavaScript/TypeScript, Node.js, Swift, HTML, PHP, CSS, XML, SQL, Arduino, Verilog, MIPS assembly
Software/Tools: Angular, Bootstrap, Docker, ASP.NET, Express, React, Git, GitHub, JavaFX, Java Server Pages, Linux Command, Apache Derby, MySQL, MySQL Workbench, SQL Server, SQL Server Management Studio, Atom, Eclipse, IntelliJ IDEA, Python IDLE, TINA, Visual Studio Code, Visual Studio, Linux, Mac OS, Windows 7, Windows XP, Windows 10, Windows 11, Digital Ocean, Google Cloud, Linux Ubuntu Cloud Server, Vultr Cloud Hosting

- Currently working on a Capstone project with a small team to create a full stack web and mobile application that pulls real time data from a finger hole insert module, visually analyzes each of a player's shots through videos shot on their phone, and outputs their accuracy statistics of any shot they request in the application.
    - Link: https://ycp-rev-metrix.github.io/Wiki
- Worked on a mock team in my college to develop a full stack web application as the lead developer and requirements analyst in an agile/scrum environment. Created many use-case diagrams, wrote quality documentation throughout each sprint, and showed great leadership throughout the development phase towards my peers.
    - Link: https://github.com/bsimmons123/YCP_Personalized_Commencement
- Programmed and deployed a full-stack web application using Express, Node.js, HTML, CSS, and Bootstrap that serves as my online portfolio.
    - Link: https://www.robertwood.dev

Work Experience

Multi-Dimensional Integration   **May 2023 – August 2023**
Software Engineer Intern

- Develop SCADA software for use with programmable logic controllers using the Ignition platform, design control panels and enclosures in AutoCAD, and program Allen-Bradley and Siemens controllers using ladder logic for different industrial uses.

New Living Transition Services LLC.   **May 2016 – Current Role**
Relocation and Disposal Crew

- Assist clients in multiple services, including but not limited to: Relocation of furniture and personal belongings to new homes/assisted living communities, disposal of property by request, disposal of hazardous materials, and clear out of unoccupied homes.