JohnHenry Ward

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Aspiring Software Developer JohnHenry-Ward JohnHenry Ward johnhenryward.me

Projects

Microshell in C - https://github.com/JohnHenry-Ward/Microshell

- Constructed a Microshell that processes command line arguments using C system calls
- Handled command line expansion that utilizes pointers and allocated arrays
- Implemented Built In commands that use library calls to execute specific functions

Deadwood in Java - https://github.com/JohnHenry-Ward/Deadwood

- Developed a GUI based game using object oriented designs, Java Swing, and design patterns
- Strategized with a team member to manage the work load and upcoming deadline
- Achieved a greater sense of the process of planning, designing and implementing a working software

Online Bookstore - https://github.com/JohnHenry-Ward/NorthWest-Books

- Designed and developed a bookstore website with PHP and CSS styling
- Implemented queries using SQL to access database tables
- Managed database tables using phpMyAdmin

Experience

Computer Science Peer Mentor
September 2019 - Present | Western Washington University

- Coached Computer Science students with lab work, homework, and general Computer Science assignments
- Planned and presented peer lecture workshops about various Computer Science topics
- Have deep understanding of CS pre-requisite classes to guide peers currently in those classes
- Improved student experience by being a useful resource to those in the Computer Science community

Registrar Program Support Staff
October 2019 - Present | Western Washington University

- Organized and processed thousands of degree evaluations for Western Washington University
- Supported the administration operations of Western Washington University Registration office
- Handled confidential and sensitive documents with discretion

Technical Strengths

Computer Languages
- Most Experience: Java, C, SQL
- Some Experience: HTML, CSS
- Dabbled in: Python, JavaScript, PHP, Scheme, R

Technologies
- Git, Linux, Emacs, GDB, phpMyAdmin, Terminal, Visual Studio Code

Coursework
- Object Oriented Design, Data Structures and Algorithms, Computer Systems
- Operating Systems, Databases, Networks, Web Developing/Management

Education

Western Washington University
Fall 2017 - December 2021 (Exp.) | Bellingham, WA
Bachelor's of Science in Computer Science with Minor in Mathematics, GPA: 3.26