

JohnHenry Ward

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Aspiring Software Developer

🏠 www.johnhenryward.me

🔄 JohnHenry-Ward

🌐 JohnHenry Ward

Education

Western Washington University

Fall 2017 - December 2021 (Exp.) | Bellingham, WA

Pursuing Bachelor's of Science in Computer Science with Minor in Mathematics

Cumulative GPA: 3.22 / 4.0

Relevant Courses: Data Structures, Algorithms, Functional Programming, Computer Systems, Databases, Operating Systems, Object Oriented Design, Web Development/Management, Linear Algebra, Calculus

Projects

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

- Designed and developed bookstore website with PHP and CSS styling
- Implemented queries using SQL to access 9 database tables
- Managed database tables using phpMyAdmin

Twitter Bot - <https://github.com/JohnHenry-Ward/TwitterBot>, @days_2_xmas

- Fun passion project to learn about API's, environmental variables, logging, and Python
- Tested automatically running scripts, and intend to implement scripts on Raspberry PI to always run
- Intended to be built on to learn more about the possibilities of using the Twitter API, Tweepy
- Plan to develop more bots to interact with users, pull data from the web, and automate tasks

Experience

Computer Science Peer Mentor

Fall 2019 - Present | Western Washington University

- Coached Computer Science students with lab work, homework, and general Computer Science assignments
- Plan and present 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

Fall 2019 - Present | Western Washington University

- Organize and process thousands of degree evaluations for Western Washington University
- Supported the administration operations of Western Washington University Registration office
- Handle confidential and sensitive documents with discretion

Skills

Back End

-Java, C, Python, PHP, SQL, Scheme, R

Front End

-HTML, CSS, JavaScript

Technologies

-Git, Emacs, GDB, phpMyAdmin, Terminal, Visual Studio Code, Google Suite, Adobe Xd