Darryl James

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Education

B.S. Computer Science and Systems | Sept. 2018 – Jun. 2021 | University of Washington, Tacoma, WA
- GPA: 3.86
- Expected Minor in Mathematics 2021, Annual Dean's List
- Officer Huscii Coding Club, WSOS Recipient
- Completed Data Structures and Algorithms

Skills & Technologies

Proficient: Java, Python
Learning: R, JavaScript, Golang, C
Technologies: Git, GitHub, JUnit, VS Code / Eclipse / IntelliJ, Terminal, Heroku
APIs worked with: DiscordJS, ChartJS, Bootstrap, CloudFlare Workers

Experience

Computer Science Mentor | Oct. 2020 – Present | University of Washington, Tacoma, WA
- Aid, and tutor students in the School of Engineering and Technology with in-class or personal projects, and other Computer Science topics related to their courses.
- Most sessions consist of explaining / diagramming data structures or algorithms.

Huscii Coding Club Officer | Sept.2020 – Present | University of Washington, Tacoma, WA
- Lead, manage, and setup events, workshops, and talks for the Huscii Coding Club
- Doubled the size of the club from 100 to 200 in the first month as officer

ACM ICPC Division 2 | Nov. 2019 – Nov. 2019 | Association for Computing Machinery Tacoma, WA
- Solved 5 problems under tight time constraints with 2 other team members using Java
- Constructed solutions for 3 of the problems considering time and space complexities

Projects

Hendrix-Bot | Aug. 2020 – Present | github.com/dlbjames/hendrix-bot
- Created a discord bot which helps manage the Huscii Coding Club server with over 200 members
- Implemented automatic role assignment on join, and react for roles
- Added a polling system so the club can vote on the events they want the most
- Made the bot respond with a random message when pinged or when someone joins

HUSCII-C02 | Oct. 2020 – Oct. 2020 | amn34.github.io/HUSCII-CO2
- Using JavaScript contributed to a web app which displays CO2 emissions data gathered from NASA and the EPA since 1990
- Formatted and cleaned data from the EPA to be displayed on the web app
- Implemented the functions to pull the data and display them to the graphs using ChartJS

Bobcats – HomeManual | Apr. 2020 – Jun. 2020 | tcss360bobcats.github.io
- Using Java Swing contributed to an application which helps users store their manual and warranties for TCSS-360 at the University of Washington, Tacoma.
- Designed the searching algorithm and display for all items added to the program using Java
- Optimized search efficiency and test cases through JUnit testing achieving 30% more coverage