Darryl James

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Education

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

Skills & Technologies

Proficient: Java, JavaScript, Python
Learning: C, R, Golang, Node JS
Technologies: Git, GitHub, JUnit, VS Code / Eclipse / IntelliJ, Terminal, Linux, Heroku, Postgres, jQuery, Ubuntu, Postman
Worked with: Discord JS, Chart JS, Bootstrap, Cloudflare Workers, GitHub Projects

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 and 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
- Increased activity of the club by 30% when it comes to events, competitions, and meetings

ACM ICPC Division 1 | Mar. 2021 – Mar. 2021 | Association for Computing Machinery Tacoma, WA
- Solved 3 problems under tight time constraints with 1 other team member using Java
- Constructed solutions for 2 of the problems considering time and space complexities
- Rank 10 Division 1 team in Washington State - UWT Blob - acmicpc-pacnw.org

Projects

What The Shmup | Jan. 2021 – Mar. 2021 | amn34.github.io/491-Bullet-Hell
- Built the engine, bullet patterns, and collision detection / handling for a Shoot 'em up game
- Helped perform code reviews and took on a task coordinator role
- Uses HTML, CSS, JavaScript, GitHub

Hendrix-Bot | Aug. 2020 – Present | github.com/dlbjames/hendrix-bot
- Created a discord bot which helps manage the Huscii Coding Club server with over 240 members
- Implemented react for roles, polling system, events, and responses on ping
- Uses JavaScript, Discord Js, Heroku, GitHub

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