

Daniel R. D. Johnson

Computer Science Undergraduate

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About Me

I am currently attending the University of Washington's Paul G Allen School of Computer Science and Engineering in pursuit of a Bachelor of Science in Computer Science. I am a highly driven and resourceful individual that can navigate through ambiguity using superb communication skill and deliver exceptional results.

Skills

Programming Languages:

- Java
- Python
- JavaScript – HTML – CSS
- C++

Specialized Programming Experience:

- JUnit / Unit Testing Tools
- Object Oriented Programming
- Functional Programming
- Experienced / knowledgeable in automated software testing

Operating Systems

- Mac OS
- Linux
- Windows

Teamwork & Management Skills

- Led and collaborated with groups in person and remote
- Experienced training and integrating new hires into team environments
- Regularly reviews and discusses feedback with professors and team leads
- Openly and regularly uses communication with other team members
- Open to constructive criticism and feedback

Communication Skills

Work Experience

Undergraduate Research Intern

Company: University of Washington / Location: Seattle, WA / Dates: 06/22 – 09/22

Description & Responsibilities: Use spin to enhance stability during the initial launch of a rocket flight

- Created, managed, and maintained scheduling
- Created high quality 3D rocket designs
- Helped research background information
- Responsible for drafting and sending team requests for funding and equipment rental
- Printed 3D rocket designs using 3D printers
- Researched and modified a fork of Open Rocket's code base

Code Instructor

Company: Coding with Kids / Location: Seattle, WA / Dates: 05/21 – 08/21

Description & Responsibilities: I worked on my teaching skills while also helping build and enrich the knowledge of young coders.

- Debugged code with students
- Maintained reliability while managing time
- Taught students various coding languages using concept lessons and coding projects
- Prepared customized lesson plans specific to students' needs

Software Development Intern

Company: NASA Ames Research Center / Location: Kodiak, AK / Dates: 05/17 – 08/17

Description & Responsibilities: I used Python, JavaScript, HTML, CSS, and Linux servers to help create an open-source web application that visualized the infrastructure of renewable communities.

- Regularly used Linux Systems and Servers
- Prototyped automated data storage system
- Created and/or sorted geospatial data
- Presented during meetings and conferences
- Saved 60+ hours of manual coding by developing an efficient automated menu system
- Responsible for developing a visual monitoring system for local wind turbines
- Gathered and saved static and dynamic data for front-end visualization
- Assisted and collaborated with other team members nearby and in New York

Education

B.S. in Computer Science (In-Progress)

University of Washington (GPA: N/A)

2022 – 2024

Associate of Science

Seattle Central College (GPA: 3.94)

2020 – 2022

Honors High School Diploma

Kodiak High School (GPA: 3.73)

2013 – 2017