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*	*JavaScript – HTML – CSS*
	Python	*C++*
Specialized Programming Experience:	JUnit / Unit Testing Tools	Node.js
	Object Oriented Programming	Functional Programming
	Experienced / knowledgeable in automated software testing	
Operating Systems	Mac OS	Windows
	Linux	
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	
Communication Skills	Openly and regularly uses communication with other team members	
	Open to constructive criticism and feedback	

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