JACKSON ATKINS

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Education

University of Washington | **GPA:** 3.86/4.00 | Seattle, WA | Expected Graduation: March 2023
B.S. Computer Science: Data Science Option
Honors: Dean's List, 5 quarters
Relevant Coursework: Machine Learning, Database Management Systems, Software Design and Implementation, Data Visualization, Data and Society (Seminar)
Teaching Assistant for Machine Learning Course | Jan. 2023 – Mar. 2023

Olympic College | **GPA:** 4.00/4.00 | Bremerton, WA | September 2018 – June 2020
A.A. Direct Transfer, Associate of Science
Honors: Dean's List, 6 quarters

Skills

- **Languages:** *Proficient:* Java, Python, C, SQL | *Experience with:* JavaScript, React, HTML, CSS, R
- **Software:** *Proficient:* git, Linux | *Experience with:* MS Office, Microsoft Azure

Project Experience

[MiniJava Compiler](#) | Sept. 2022 – Dec. 2022

- Developed a compiler for a subset of the Java programming language over a 10-week period.
- Created both the front-end and back-end components necessary for this construction, including x86-64 code generation.
- Gained knowledge regarding the complexities of the Java Virtual Machine.

[Simple Database Management System](#) | Apr. 2022 – Jun. 2022

- Developed a simple DBMS allowing for multiple methods of concurrency control with ease of use in mind.
- Generated all necessary systems connected to database management on a local and intraprocedural level.
- Implemented an efficient system with runtimes similar to small-scale commercial systems.

Work History

Lifeguard, July 2021 – September 2021
Naval Base Kitsap Aquatics Center – Silverdale, WA
- Worked as a team member providing supervision for a large aquatic center.
- Provided excellent customer service to a diverse customer base.
- Ensured safety of military families and government civilians and maintained cleanliness within the pool area.

References available upon request.