Jacob David Olson

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Professional Summary

Previously a student for computer science, information technology, philosophy, and human interactions, I am now interested in expanding my skill sets and community. I enjoy connecting with others, designing software, solving complex problems, and furthering my knowledge about the world.

Work Experience

RESEARCH ASSISTANT | APPLIED ALGORITHMS LAB, UNIVERSITY OF MONTANA
OCTOBER 2024 TO MAY 2025

- Assist in developing meta-genomic assembler for virus strain detection
- Operation and understanding of alternative modern meta-genomic assemblers

PROGRAMMING TUTOR | COMPUTER SCIENCE DEPARTMENT, UNIVERSITY OF MONTANA
MARCH 2020 TO MAY 2024

- Primary assistive figure for secondary teaching in Computer Science Department
- Assisted in +80% of primary courses for computer science and +40% of specialized algorithms courses
- Created a space for peer discussion and student involvement

DATABASE MANAGEMENT | GLOBAL ENGAGEMENT OFFICE, UNIVERSITY OF MONTANA
MAY 2021 TO AUGUST 2021

- Interned for developing opportunities for international travel and education under International Student Exchange Program (ISEP)
- Worked on migrating and updating international education brochures between programs using Cascade and Terra Dotta software

Education & Certification

BACHELOR OF SCIENCE (BS) IN COMPUTER SCIENCE

- University of Montana, graduated 2025
- Concentration in *Algorithm Design*
- Granted *President's Outstanding Student* Award

BACHELOR OF ARTS (BA) IN PHILOSOPHY

- University of Montana, graduated 2025
- Granted *Townsend Science and Philosophy* Award

ASSOCIATE OF APPLIED SCIENCE (AAS) IN IT

- University of Montana Missoula College, graduated 2021
- Granted *Cloud Computing*, *TestOut PC Pro*, and *Computer Support Specialist* certificates

Skills & Abilities

Python	Microsoft Word	Visual Studio Code
C++	Microsoft PowerPoint	Sublime Text
Java	Microsoft Excel	Jupyter Notebook
Mac OS Terminal	Microsoft Accel	Communication