

Jesse Melanson

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Education

Bachelor of Science Degree : Computer Science

Jan. 2023 – Present (graduating Spring 2025)

GPA 4.0

Westminster University – Salt Lake City, UT

Awards: President's Scholarship, Dean's List.

Relevant Coursework: Software Development, Computer Architecture, Databases, Discrete Mathematics.

Associate of Science Degree : Computer Science and Information Systems

Graduated Dec. 2022 : *Summa Cum Laude*

GPA 4.0

Salt Lake Community College – Salt Lake City, UT

Awards: School of Business Outstanding Student Award, Dean's List.

Relevant Coursework: Java Programming, Linux System Admin, Web Programming, Advanced Javascript/JSP.

Language/Framework Skills

Java, Spring, Python, C, SQL, Angular, RxJS, Typescript, Javascript, PHP, LaTeX.

Certificates

Intro to High-Performance Computing : Issued by NERSC at Berkeley Lab · Aug 2023

Comprehensive week-long program focused on Data Science, Scientific Computing, and High Performance Computing using the NERSC Perlmutter Supercomputer (Socioeconomics of Power Outages and Heatwaves).

Work Experience

Incomm Payments (Dec. 2023 – Current)

Salt Lake City, UT

Software Engineer Intern

- Agile development of internal microservice support applications using Spring and Angular.
- Working closely with other software engineers to deliver valuable features to production for users.
- Contributing 1+ complete features to the CI/CD pipeline per month.
- Performing 5+ code reviews and feature-branch tests per week for the team.

Westminster University (Aug. 2023 – Dec. 2024)

Salt Lake City, UT

CS/Math Tutor, Math Grader

- Worked closely with 6+ students per week to elevate their understanding of programming concepts.
- Provided constructive feedback in a timely manner for student assignments.
- Created solution guides to better facilitate future grading and tutoring for Discrete Mathematics.

References

Greg Gagne

Professor of Computer Science, Westminster University
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Jonas D'Andrea, PhD.

Professor of Mathematics, Westminster University
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