

# THOMAS JAMIESON

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• <https://github.com/thomasjamieson>

Willing to relocate anywhere in US  
Authorized to work in the US for any employer

**GPA - 3.84**

## SUMMARY

I am a motivated Computer Science graduate with a minor in Electrical and Computer Engineering from Brigham Young University-Idaho. I have hands-on experience with Python, Erlang, C, C++, JavaScript, and the React library. I am passionate about software development and problem-solving, with proven ability to work independently and collaboratively to deliver successful projects. I am actively seeking a full-time software engineering position to implement and grow my skills, and contribute to meaningful and innovative projects.

## EDUCATION

**Bachelor of Science in Computer Science, Minor in Electrical and Computer Engineering**

**Graduated Dec 2024**

GPA - 3.84

*Brigham Young University-Idaho, Rexburg, ID*

- **Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Database Management
- **Projects**
  - **NASA Psyche Mission Website:** Designed and developed an interactive website in collaboration with NASA and ASU to engage users with the Psyche mission. Features include a drawing tool, a weight and age calculator for Psyche, and fun facts to spark interest. [View Project](#)
  - **4-Bit Microprocessor:** Built a functional 4-bit microprocessor using Logisim.
  - **Vocabulary Management App:** Developed a Python application for managing and organizing vocabulary.
  - **UPS Package Simulator:** Simulated a high-performance package transfer system using Erlang, handling up to 100,000 HTTP requests per second with Cowboy for requests and Riak for data storage.

## WORK EXPERIENCE

**NASA and ASU Psyche Project**

**Sept 2024 – Dec 2024**

*NASA, ASU, and Brigham Young University-Idaho*

- Designed and developed an interactive website in collaboration with NASA and ASU to engage users with the Psyche mission. Details of the project can be viewed here: [View Project](#)
- Contributed to bi-weekly project milestones and status updates while enhancing career readiness through collaborating with our client.
- Applied project management, teamwork, and service-learning insights to real-world scenarios.

**Circuit Analysis Teacher's Assistant**

**Sept 2023 - Apr 2024**

*Brigham Young University-Idaho, Rexburg, ID*

- Assisted students with lab assignments, enhancing their understanding of circuit analysis concepts.
- Contributed to improving lab materials, enhancing student learning experiences.

**Full-Time Volunteer Representative**

**Sept 2019 - Sept 2021**

*The Church of Jesus Christ of Latter-day Saints, Independence, MO*

- Engaged with over 20 people daily, developing strong communication and interpersonal skills.

## CERTIFICATIONS

- **Certified Computer Programmer**
  - September 2023 to Present
- **Functional Programming Certificate**
  - December 2024 to Present
- **AWS (Amazon Web Services) Certificate**
  - December 2024 to Present

## SKILLS

- **Programming Languages:** Python, Erlang, C++, C, React, and JavaScript
- **Web Technologies:** HTML, CSS, JavaScript and the React Library
- **Tools and Platforms:** Linux, MySQL, Logisim, Microsoft Excel, Microsoft Word, GitHub