

THOMAS JAMIESON

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Willing to relocate anywhere in US

Authorized to work in the US for any employer

Current Clearance: DoW Secret

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#, C++, JavaScript, Powershell, 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.

WORK EXPERIENCE

Software Engineer I

E.L. Blake Corporation, Hill Air Force Base

- Gathered requirements from customers and developed software solutions to meet business needs.
- Developed custom SharePoint applications and tools using C# and .NET Framework.
- Wrote and maintained SQL queries and database objects to support applications and reporting.
- Automated tasks using PowerShell and developed web features with JavaScript and HTML.
- Contributed to workflow improvements through development of new automated processes.
- Participated in the full software development lifecycle, including development, testing, and deployment.
 - Technologies: C#, .NET Framework, SharePoint, SQL, PowerShell, JavaScript, HTML

MPC Software Test Engineer/QA

Summit Technologies Inc. Hill Air Force Base

- Tested software in all of our environments: development, staging, and production.
 - Created documentation for the tests and gave feedback as necessary.
 - Additionally I have been working a development role by writing and implementing software for nearly 6 months onto our system.
 - MPC Migration: Worked heavily with development team to migrate MPC to a higher version.
- Continued development projects for the new version of MPC.
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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](#)
 - **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.
 - **4-Bit Microprocessor:** Built a functional 4-bit microprocessor using Logisim.
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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, C#, C++, C, Powershell, Erlang, React, and JavaScript
- **Web Technologies:** HTML, CSS, JavaScript and the React Library
- **Tools and Platforms:** SharePoint On-Premises, Linux, MySQL, Logisim, Microsoft Excel, Microsoft Word, GitHub