

Alex Taylor

Software Developer | CS Junior

[linkedin.com/in/alex-e-taylor](https://www.linkedin.com/in/alex-e-taylor) | alextaylor.dev | alexandertaylor@u.boisestate.edu | (208) 996-4470

TECHNICAL SUMMARY

Languages and Frameworks: Java | C# | ASP.NET | Go | Spring/Spring Boot | TypeScript | Angular | JS | Node JS | HTML5 | SQL | C | REST APIs | Maven | React/Next.js

Operating Systems: Windows, Mac, Linux

Tools: Azure DevOps | AWS | Git | BitBucket | Jira | Bamboo | CI/CD Pipelines

Environment: Agile (using Scrum)

EDUCATION

Bachelor of Science in Computer Science **GPA 3.7** Expected Graduation May 2027

Boise State University Honors College, Boise, ID

- Dean's List (Fall 2022 - Current)
- Relevant Courses: Algorithms, Data Structures, Theory of Computation, Operating Systems, Software Development in C, Programming Languages, Discrete Mathematics, Full Stack Development

RELEVANT EXPERIENCE

Integration Developer 1 [Boise State University](#) Boise, ID Nov 2024-Present

- Developing and maintaining scalable enterprise web services and integrations to streamline academic and administrative processes.
- Designed and implemented an event-driven tracking system to monitor AWS integrations in real-time, enabling automated execution tracking, centralized logging, and dynamic notifications.
- Engineered a monitoring system for AWS Transfer Family data flows, reducing incident resolution time by 40% through automated failure alerts and real-time transfer visibility.

Software Development Intern [MDU Resources](#) Boise, ID Aug-Nov 2024

- Member of the integrations team; contributed to developing and maintaining Spring Boot-based microservices.
- Remediated security vulnerabilities in Java microservices, strengthening compliance with enterprise security standards and preventing potential system exploits.
- Integrated third-party services into legacy systems using Spring Boot and REST APIs, enabling seamless communication across previously disconnected platforms.

Student Software Developer [Boise State University](#) Boise, ID Jan-Aug 2024

- Contributed as a full-stack developer, contributing end-to-end features for myBoiseState used by thousands of students daily.
- Designed and deployed a student study group feature within the myBoiseState platform, enabling students to create public groups and collaborate more effectively across courses.
- Created and integrated various end-to-end features for myBoiseState and myBoiseState Mobile.
- Participated in daily scrum meetings and bi-monthly sprint reviews to discuss progress, and challenges, conduct stand-up presentations, and plan daily tasks.

Computer Science Tutor [Boise State Athletics](#) Boise, ID Sep 2023-May 2024

- Provided tutoring sessions for student athletes on the subject matter of CS121 and CS221 (CS I and II).

Micron Chip Camp Counselor [Micron Technology](#) Boise, ID Summer 2024

- Facilitated STEM activities for middle school students from across Idaho.

PERSONAL PROJECTS

- *CatNova* - Stock analysis app that automates market data retrieval and uses AWS Bedrock for daily AI-driven sentiment and volatility reports.
- *CampusCart* - Built a campus-focused e-commerce platform for students to buy and sell items locally.