

Alex Taylor

Integration 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 | TypeScript | C# | Angular | ASP.NET | Spring/Spring Boot | Ionic | JS | Node JS | HTML5 | XML/JSON | CSS/SCSS | C | REST APIs | Maven | React/Next.js

Operating Systems: Windows, Mac, Linux

Tools: Azure DevOps | AWS | Git | BitBucket | Jira | Bamboo | Pipelines (DevOps and OpenShift)

Environment: Agile (using Scrum)

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.
- Implemented OAuth 2.0 authentication logic on in-house applications and the organization's application template, improving security and standardizing authentication across new projects.

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

- Member of the integrations team; contributed to developing and maintaining Spring Boot-based microservices.
- Focused on vulnerability remediation, identifying and mitigating security issues in Java applications.
- Gained extensive hands-on experience in Spring Boot, REST APIs, and integrating third-party services into existing systems, essentially enabling communication between systems that were never designed to interact.

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

- Contributed as a full-stack developer, handling front-end, back-end, and database tasks to deliver comprehensive solutions.
- Independently engineered a student study group feature by designing and developing both the API and front-end interface, enabling students to create public study groups for their classes and promote collaborative learning.
- Collaborated with a fellow student developer to integrate a third-party API ([CampusGroups](#)) into the [myBoiseState](#) platform.
- 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 on the subject matter of CS121 and CS221 (CS I and II).
- Focused on topics such as Java conditionals, classes, loops, arrays, and related concepts.
- Focused on linear data structures, recursion, testing for ADT, searching and sorting algorithms, and run-time requirements.

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

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

EDUCATION

Bachelor of Science in Computer Science **GPA 3.7** Expected Graduation May 2026/27
Boise State University Honors College, Boise, ID

- Relevant Courses: Data Structures, Theory of Computation, Software Development in C, Programming Languages, Web Development, Discrete Mathematics, Version Control
- Baja Racing Club Member 2024 - Present