Alex Taylor

Software Development Intern | CS Junior

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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 | Git | AWS | 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.
- Enhancing application performance and reliability by resolving incidents, debugging enterprise systems, and creating automated and manual test cases.
- Documenting technical processes and integration customizations to standardize workflows and ensure efficient, reliable service delivery.

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, 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
Boise State University Honors College, Boise, ID
- Relevant Courses: Data Structures and Algorithms, Software Development in C, Programming Languages, Microprocessors, Web Development, Discrete Mathematics, Version Control
- Baja Racing Club Member   2024 - Present