

Nicholas Bowden

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EXPERIENCE

Slalom Build, Seattle, WA

June 2022 – August 2022

Software Engineering Intern

- Built a website portal MVP where 1500+ Slalom employees can refer a potential employee to Talent Acquisition.
- Collaborated with 11 other interns on a cross-functional Agile team adhering to software best practices.
- Spearheaded integration with current SSO to elevate user experience and reduce form complexity by 40%.
- Created project-specific valuable assets such as knowledge transfer documents, test plans, defect summary reports, and lessons learned documents, delivering 4 releases involving UAT and regression testing.

Dungeness Valley Landscaping, Sequim, WA

August 2017 - June 2022

Equipment Operator | Website Manager

- Led full redesign of website with findings from competitive search, increasing website traffic by 80%.
- Maintained 100+ yards to perfect condition with year-round services including mowing, leaf cleanup, and pruning.

Freelance Musician, Washington

September 2012 – December 2021

Musician | Educator

- Performed with 4 different symphonies and small ensembles throughout the Washington and Idaho areas.
- Taught masterclasses for 5+ instruments at Sequim High School for 20+ percussionists.
- Coached and mentored 10+ students with a range of skill levels to improve performing abilities.

EDUCATION

Bachelor of Science (BS) Computer Science, Oregon State University, GPA: 3.9

September 2020 - December 2022

Certificate of Intermediate Software Engineering, CodePath

June 2022 - August 2022

Bachelor of Arts (BA) Music, Eastern Washington University

September 2010 - June 2014

PROJECTS

Marina API ([Code](#)): Cloud-based RESTful API service that models a marina.

- Achieved 90% code coverage using Test Driven Development (TDD) with Postman tests.
- Documented each endpoint, contributing to a comprehensive 28 page manual.

Jam Session ([Demo](#), [Code](#)): Social media-like web application for finding musicians and artists to connect with.

- Improved search result efficiency by 30% by increasing refinement options.
- Automated manual testing using Selenium to reduce the time taken for regression testing by 50%.

Booknook ([Demo](#), [Code](#)): Created a web application where users find and save unique book recommendations.

- Reduced page load time by 40% by staggering API calls and caching reusable information.

CrowdFlow ([Code](#)): Backend API, database, and web-based database GUI for music venue ticketing system.

- Designed 7 endpoints with full CRUD functionality and capabilities to create necessary database relationships.
- Modeled MySQL database to handle data for a venue averaging 75 shows a year, with about 100,000 tickets sold.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Python, SQL (Relational Design)

Frameworks & Libraries: React, Vue, Lambda (Serverless), Node.js, DynamoDB, MongoDB (NoSQL), JWT, Django

Developer Tools: AWS, Google Cloud, Git, Github, BitBucket, Jira, Agile Methodology, CI/CD, Testing, TDD, Docker