

David Vicklund

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EDUCATION

WESTERN WASHINGTON UNIVERSITY , Bellingham, WA <i>Bachelor of Science in Computer Science</i>	Class of 2023
CODE FELLOWS , Seattle, WA <i>Coding bootcamp; full-stack JavaScript in accelerated environment</i>	Class of 2016
BELLEVUE COLLEGE , Bellevue, WA <i>Associate degree focused on computer science, physical sciences, and mathematics.</i>	Class of 2010

EXPERIENCE

IRONGATE ENTERPRISES , Bellingham, WA <i>Software Developer</i> Built end-to-end product listing solution for merchandise warehouse. <ul style="list-style-type: none">• Spearheaded unit-test initiative that increased code coverage from 0 to 80%.• Optimized legacy codebase in myriad ways - on one occasion, responsible for decreased load time of a data-heavy page from >8 seconds to <2s.• Developed and maintained full-stack application utilizing multiple online retailer APIs.• Languages/platforms used: Javascript, PHP, Laravel, MySQL.	January 2022 - present
OKTA (CONTRACTOR VIA AZUQUA) , Seattle, WA <i>Data Engineer</i> Built DE tools to facilitate automated data migration, schema manipulation, and query abstraction. <ul style="list-style-type: none">• Enabled features for teams via database administration and API integration.• Built solutions for industry workflow automation.• Collaborated with Procter & Gamble to create a streamlined inventory accounting system.• Created database integrations for Postgres, MySQL, MariaDB, OracleDB, and Microsoft SQL Server.	Dec 2016 – March 2019
CREATIVE CODING FOR KIDS , Bellingham, WA <i>Coding Instructor</i> Educated the next generation of developers using MIT's scratch platform. <ul style="list-style-type: none">• Cultivated Student creativity and technical prowess through game development and mentoring.• Graduated around 200 elementary school students in total.	Sep 2016 – Feb 2017
CODE FELLOWS , Bellingham, WA <i>Teaching Assistant</i> Taught upper-level students software engineering best practices and help with code quality. <ul style="list-style-type: none">• Helped with Git, Deployment, and CI/CD setup and configuration.• Taught Javascript debugging and troubleshooting techniques.• Performed hours of code review and Pull Request work to assess quality and efficiency.	Jan 2016 – Jan 2017

SKILLS AND PROJECTS

- **FasterBids Data Viz Suite** – Contracted to create a customer-facing data visualization suite for FasterBids, a construction materials cataloging company. Worked with D3 in Angular, consuming JSON data from a Microsoft SQL Server back end
- **WikiTabs** – Guitar tabs website built to replace existing, ad-infected solution. Built using MongoDB, Express, Angular, and Node.js in 2016 - overhauled in 2023 to use PostgreSQL and Svelte.js.
- **Codename 'Usurper'** - Inventory management and e-commerce listing tool for management and automation of product listings at major marketplaces (Amazon, eBay, Walmart, etc.)
- Other Projects at <https://vicklund.com>
- Skills: Project Management, Data Engineering, Database Management, Computational Solutions, Object-Oriented Programming, Unit Testing, Integration Testing, System Architecture, Industry Solutions Engineering, API Development, Cloud Computing Services, Code Optimization, JIRA, Technical Documentation, Agile Development