

KEVIN KODAMA

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Seattle, WA

EDUCATION

University of Washington, Seattle, WA
B.A. Mathematics

September 2019 – June 2023
GPA – 3.76

WORK EXPERIENCE

Dell Technologies, Seattle

June 2022 – Present

Applications and Data Platform Solutions – Software Engineer

July 2023 - Present

- Built a GUI and several upgrade features for [Dell Omnia](#), an open-source solution for HPC and AI
- Co-developed a plugin that exposes [Dell PowerFlex](#) health metrics through [Oracle Enterprise Manager](#)

PowerProtect Data Manager – Software Engineering Intern

June 2022 - August 2022

- Co-developed two performance testing frameworks for the backup software [PowerProtect Data Manager](#)
- Automated seven sample JMeter tests and integrated them into a Jenkins CI/CD pipeline

International Academic Competitions, Remote

January 2020 – May 2022

National History Bee and Bowl – Question Writer

- Wrote over 200 paragraph-length technical questions for NHBB, a national high school history competition
- Sifted through thousands of questions on the database QuizDB to identify historical question patterns

SIDE PROJECTS

[Popheads Chart](#) (MERN Stack / Tailwind CSS / react-select / Chart.js)

July 2022 – July 2023

- Launched a web application that uses Reddit's API to parse listening data from 2566 pop music fans
- Deployed 10 middleware API endpoints to handle secure traffic through the Node server
- Displayed listener data with nearly 300 reactive chart views, including a reactive line chart

Quizbowl Buzzer System (Arduino)

July 2021 – September 2021

- Programmed an 8-player "buzzer system" for quizbowl, a fast-paced academic competition
- Implemented merge sort in a C-like programming language called Arduino
- Processed real-time input from 9 physical controllers using a microcontroller and 9 interrupt handlers

[Data Exploration of The Wandering Inn](#) (R / Shiny / dplyr / Plotly / rvest)

March 2021 – May 2021

- Analyzed features of *The Wandering Inn*, a 50,000-page fantasy novel on the Internet
- Created an interactive frontend that allows users to display 57 custom chart views
- Scraped text data from 94 different web pages, processing over 2,000,000 words

LEADERSHIP

[UW Quizbowl](#), Seattle, WA

December 2020 – June 2023

Club President, Outreach Director, and Webmaster

- Tripled the membership of UW Quizbowl, now the largest student-run quiz team in Washington
- Recruited 30 high schools for the largest ever quizbowl tournament in the Pacific Northwest
- Mentored 40 students in leadership, technical writing, and effective recruitment strategies

SKILLS AND INTERESTS

- **Skills:** web development, backend, shell scripting, Ansible, HPC, desktop development, database management, CI/CD, web scraping
- **Languages:** JavaScript (Express.js, React.js, Angular, Node.js), Python (PyQt, pandas), Java, Bash, MongoDB, SQL, Jenkins, R
- **Interests:** the loneliness epidemic, education reform, dance battles, chess, sci-fi + fantasy literature