MICHAEL ZANDONELLA

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EDUCATION

Oregon State University — Corvallis, OR
Bachelor of Science in Computer Science | 3.98 GPA — *Expected December 2026*

EXPERIENCE

Web Assistant — June 2024 - July 2025
OSU Beaver Store — *Corvallis, OR*
- Processed 70–300+ weekly orders with high accuracy, adapting to seasonal workload fluctuations.
- Edited 500+ product photos and uploaded hundreds of listings, ensuring consistent formatting and collaborating with the Website Specialist to maintain web content quality.
- Reviewed and managed thousands of digital product listings to ensure accuracy, formatting consistency, and up-to-date availability across the online catalog.

Property Maintainer and Cleaner — September 2021 – Present
Contract — *Corvallis, OR*
- Maintained a 5.0 cleanliness rating across hundreds of Airbnb stays, ensuring a high-quality guest experience.
- Acted as the on-call contact for urgent maintenance issues, resolving problems in real time and maintaining trust with the remote property owner.
- Coordinated and supervised on-site contractor visits, ensuring timely and complete service resolution by managing access and confirming task completion.

PROJECTS

CatCall | *JavaScript, React, Node.js, Express, Docker, MongoDB, Tailwind CSS*
- Built a full-stack Tinder-style cat adoption app with uploads, likes, and profile matching to connect adopters with cats more efficiently.
- Increased scalability and maintainability by containerizing backend services with a Docker-based Node.js microservice architecture.
- Developed a location and preference-based recommendation engine using geocoding, scoring, and filtering to improve adoption matches.

Issue Navigator | *JavaScript, HTML, CSS*
- Accelerated GitHub issue and PR workflows by designing a Chrome extension with keyboard shortcuts and advanced filtering, reducing navigation time for contributors and maintainers
- Enhanced usability for active repositories by integrating the GitHub API with optional OAuth 2.0 authentication, extending rate limits and allowing smoother navigation through thousands of issues and pull requests
- Improved speed and reliability through local data caching with Chrome storage, enabling fast, secure, and consistent browsing sessions.

CAT Label Maker | *Python, fpdf2*
- Designed a command-line tool to generate printable PDF labels with product codes and images, streamlining organization in small retail backstock rooms
- Reduced paper waste by implementing a two-column A4 layout in fpdf2, improving efficiency and maximizing label output per sheet
- Simplified workflows with a consistent, user-friendly format for batch label creation and inventory organization

SKILLS

Languages: JavaScript, Python, C/C++, HTML/CSS, SQL
Frameworks: React, Astro, Express, Node.js, Tailwind CSS
Databases: MongoDB, MySQL
Developer Tools: Git, GitHub, VS Code, Linux, Docker, Vite, Vitest, Nginx