MICHAEL ZANDONELLA

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EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science in Computer Science, 3.97 GPA   *Expected 2026*

EXPERIENCE

Web Assistant   June 2024 – Present
OSU Beaver Store   *Corvallis, OR*
- Processed web and phone orders with accuracy and efficiency, ensuring secure transactions and high customer satisfaction.
- Collaborated with the Website Specialist to maintain web content quality, including image editing with Adobe Photoshop.
- Demonstrated strong multitasking abilities and attention to detail while managing web orders and inventory tasks under pressure.
- Identified and managed product listings for online activation, ensuring up-to-date availability and optimal presentation.

Airbnb Cleaner   2022 – Present
Contract   *Corvallis, OR*
- Independently facilitated cleaning operations while maintaining clear communication with the property owner
- Delivered comprehensive housekeeping services to over 150 Airbnb guests, ensuring high guest satisfaction
- Performed detailed cleaning tasks, including vacuuming, dusting, and sanitizing to create a welcoming and pristine environment
- Maintained kitchen cleanliness, including washing dishes and organizing counters for optimal guest convenience
- Managed laundry services between guest stays, ensuring fresh linens and towels for every new arrival

PROJECTS

Dice Slayer | *C++, Arduino IDE*
- Developed a turn-based dice-rolling game using Adafruit Circuit Playground with story and endless modes, where players battle monsters and progress through rooms
- Implemented player and monster classes with dynamic health, dice rolls, and upgrade mechanics, ensuring varied and strategic gameplay experiences
- Integrated real-time user inputs through an Arduino with a versatile upgrade system, enhancing gameplay variety and player strategy
- Provided real-time visual feedback and animations through NeoPixels, enriching the overall gaming experience

Battleship | *HTML, CSS, JavaScript, Jest, Webpack*
- Developed a fully playable version of Battleship within the browser using JavaScript
- Utilized Test Driven Development in combination with Jest to run tests and validate code
- Expanded upon OOP principles by utilizing Factory Functions
- Employed Webpack for bundling and compiling code, deploying the project to GitHub Pages for seamless hosting and accessibility.

AWARDS

Engineering 100   December 2023
- **Most Creative Solution**   Developed an innovative solution to an engineering challenge, recognized for originality and out-of-the-box thinking by classmates in a competition of 100+ participants
- **Best Presentation**   Delivered a compelling and well-structured presentation, acknowledged by peers for clarity, engagement, and effectiveness in conveying complex concepts.
- **Best Poster**   Designed an informative and visually impactful poster, praised for clear communication of ideas and strong aesthetic appeal in a competitive environment.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, HTML/CSS
Frameworks: React, Node.js, Tailwind
Developer Tools: Git, Github, VS Code, Windows, Linux, Jest, Webpack, Firebase, Vite