

Ryan Rizzo

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Web developer focused on building responsive, intuitive, and visually coherent digital experiences. Looking to join a team where I can apply my technical expertise and help shape thoughtful, user-centered products.

EDUCATION

University of Arizona, College of Science
Bachelor of Science in Computer Science
Minor: Information Science and Arts

Tucson, Arizona
Grad Date: Dec. 2023

PROFESSIONAL EXPERIENCE

Thoughtly

Web Developer

Remote

Oct. 2025 – Current

- Manage the website's entire technical ecosystem, including hosting, DNS configuration, integrations, performance optimization, and ongoing maintenance
- Build all site pages and components using clean, accessible HTML, CSS, and JavaScript while implementing dynamic styling and ensuring consistent, modern theming across the brand
- Collaborate directly with the business owner to translate content and branding goals into intuitive layouts, user-friendly flows, and visually coherent experiences
- Provide strategic recommendations on site structure, content placement, and roadmap improvements to support growth, enhance usability, and push the product forward

University of Arizona: CS Department

Computer Science Undergraduate Teaching Assistant

Tucson, Arizona

Aug. 2023 – Dec. 2023

- Assisted computer science professors in delivering lectures, facilitating in-class activities, and conducting lab sessions for the 250 students taking the undergraduate course "Computer Science 210 Software Development"
- Provided one-on-one and group tutoring to students, offering support in completing their weekly coding assignments, as well as reviewing complex programming concepts, algorithms, and data structures in Java

InBalance Academy

Behavioral Health Para-Professional

Tucson, Arizona

Aug. 2017 – Jul. 2019

- Facilitated and conducted group therapy sessions to address anxiety, anger, substance abuse, depression, and other behavioral issues with groups of up to 50 adolescent boys
- Conducted patient intake and contacted families to gather psychiatric histories and develop treatment plans
- Supported clients by providing referrals and linkages to substance abuse, mental and medical services

PROJECTS

[Generative Trees \(Processing, Java, P5JS\)](#)

- Utilized logic, algorithms, geometry, random number generation, and Java-based Processing to create a tool which generates collections of digital media to emulate the shapes of trees

[Spotify Popularity Analysis \(Python, NumPy, Pandas, Matplotlib\)](#)

- Conducted a comprehensive exploratory data analysis of Spotify's track-feature dataset to investigate how genre, artist, musical key, and track-level attributes correlate with popularity
- Built statistical summaries and visualizations to highlight trends, genre dominance, and long-tail behavior

[Word Worms \(JavaScript, HTML5 Canvas, CSS\)](#)

- Engineered a fully custom word-puzzle game from scratch using the HTML5 Canvas API, implementing all rendering, animations, and interaction logic without reliance on DOM-based frameworks

TECHNICAL SKILLS

- **Compiled Languages** (Java, C, C++, C#)
- **Scripted Languages** (Python, R, Ruby)
- **Query Languages** (SQL, NoSQL, JDBC)
- **Web Development** (HTML, CSS, JavaScript, PHP)
- **Methodology** (Agile, Scrum, Waterfall, FDD, RAD)
- **Collaboration** (Git, Slack, Jupyter, Trello)
- **Software** (Microsoft 365, Adobe Suite, Ableton)

RELEVANT COURSEWORK

- **CSC436** (Software Engineering)
- **CSC452** (Operating Systems)
- **CSC460** (Database Design)
- **CSC352** (System Programming & Unix)
- **CSC337** (Web Programming)
- **CSC335** (Object Oriented Programming & Design)
- **CSC252** (Computer Organization)