

# Ryan Rizzo

Tucson, Arizona 85718

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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

Tucson, Arizona

Computer Science Undergraduate Teaching Assistant

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

Tucson, Arizona

Behavioral Health Para-Professional

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)