

Tyler Audino

Gainesville, FL 32607 | tyler.audino@gmail.com | (321) 427-3368 | [linkedin.com/in/tyleraudino/](https://www.linkedin.com/in/tyleraudino/) | tyleraudino.com

EDUCATION

University of Florida | Gainesville, FL

Expected May 2026

Bachelor of Science in Computer Science | Minor in Statistics

GPA: 3.88/4.0

Relevant courses: Data Structures and Algorithms, Introduction to Software Engineering, Human Computer Interaction, Programming Fundamentals 1 & 2, Programming Data in R, Intro to Probability, Discrete Structures

Awards: UF LGBTQ+ Alumni Association Scholarship, Verto Semester Abroad Scholarship, UF Dean's List (3x)

SKILLS

Languages: Python, C++, JavaScript, C, R, HTML/CSS

Packages/Libraries: React.js, Node.js, D3.js, Plotly, NumPy, Pandas

Additional: Agile, Git, Chrome DevTools, VSCode, Postman, Jenkins, Jira, Kanban, Research Computing

EXPERIENCE

University of Florida INDIE Lab | Gainesville, FL

Research Assistant | Data Analysis, Research Methodologies, D3.js

September 2023 - Present

- Conducted Human-Computer Interaction participant trials, scheduling participants 2-3x weekly
- Developed heatmap data visualizations with D3.js for participant trials
- Analyzed and manually reviewed data collected for use in Human-in-the-Loop AI model
- Published co-author for IEEE-VR 2024 workshop paper

Florida Blue | Remote

Application Development Intern | React.js, Node.js, Agile, Postman, Chrome DevTools

May 2024 - August 2024

- Upgraded 9 backend services from Node.js 14 to Node.js 20, building and deploying images with Jenkins
- Implemented and deployed 2 key front-end bug fixes for member-facing website
- Troubleshooted issues on member website UI codebase with Chrome DevTools, Postman testing, and debugging principles
- Worked within an Agile & Kanban framework, attending daily Standup meetings to communicate user story progress

University of Florida Active Learning Program | Gainesville, FL

Data Analyst Intern | Python, Linux, Research Computing, NumPy, Pandas

January 2024 - May 2024

- Collaborated with team to develop and deploy pipeline for utilizing the CAMP AI model to predict protein-peptide interactions
- Created and updated documentation of programs and specifications required to use CAMP with research data
- Utilized HiPerGator supercomputer to run processing-intensive scripts and programs to analyze biomedical data

PROJECTS

BiteBack | React.js, Node.js, Python, Plotly

- Full-Stack web tool to improve meal nutrition with suggestions based on FDA recommended daily value
- Created cohesive UI with React and Javascript and connected to backend Python scripts with Flask
- Developed algorithm to analyze meal nutrition and provide food suggestions to improve the nutrition of the meal

Minesweeper | C++, SFML

- Developed end-to-end Minesweeper game using C++ and Simple Fast Media Library (SFML)
- Applied Object-Oriented Programming principles to design, debug, and implement code for accurate game functionality
- Crafted a responsive and cohesive graphical interface to integrate user interaction with game mechanics
- Implemented efficient file input/output to manage and update necessary files to improve user-experience

LEADERSHIP

Kappa Kappa Psi Honorary Fraternity - Alpha Eta Chapter | Gainesville, FL

January 2024 - Present

Webmaster | HTML, CSS, Javascript, Python

- Managed chapter website (kkpsiah.org) redesign project, utilizing Jira and Kanban with a team of 5 developers
- Served UF band and other local music programs through weekly volunteer work and musical involvement