

TYRA FAIR

WWW.LINKEDIN.COM/IN/TYRAFAIR | CHARLOTTE, NC |

SUMMARY

Soon-to-be Software Engineering graduate with hands-on experience in full stack development, data integration, and workflow automation. Skilled in building applications, working with cloud technologies, and solving problems through clean, efficient code. Experienced in both independent and collaborative environments, with additional professional experience supporting student success as a Teacher Assistant.

PROJECTS

PORTFOLIO WEBSITE

<https://tyrafair-portfolio.netlify.app/> - [link](#)

- Built to showcase my deployed projects, in reactjs from scratch

COMMAND LINE PYTHON GAME

<https://github.com/tf2164/commandline-game-py> - [link](#)

- Built this Python game for Apprenticeship portfolio to learn Object Oriented Programming.

EXPERIENCE

CHARLOTTE MECKLENBURG SCHOOLS

Jan 2025 – Present

Teacher Assistant

- Provides meaningful instruction to students.
- Reviews and implements regular classroom routines, procedures, lesson plans and instructional strategies.
- Establishes and maintains a safe and orderly learning environment for all students.
- Communicates clearly and effectively to students, and school personnel.

CAPITAL ONE

Sept 2022 – April 2024

Data Process Analyst

- Implemented data capture and developed data visualization tool using repurposed Google Apps Script code and Looker Studio, empowering non-technical staff to more easily analyze data, generating significant time savings; led cross-functional training sessions on proper tool usage, promoting data literacy
- Oversaw integration of HR data from legacy system PrestoDB to AWS Snowflake, utilizing Python through internal notebooks platform while orchestrating integration into Workforce Operations scheduling, streamlining administrative workflows
- Authored concise technical documentation, ensuring seamless knowledge transfer and team collaboration

ROAD TO HIRE (RED VENTURES)

Jan 2022 – Sept 2022

Coding Apprentice

- Created portfolio project using React.js and deployed via Heroku, showcasing proficiency in full stack web development and general project management
- Developed solo ecommerce website from scratch with React.js and MySQL, enhancing skills in database management and API utilization for product visualization and filtering
- Leveraged strong communication skills to facilitate peer code reviews, contributing to culture of constructive feedback and knowledge sharing within coding apprenticeship community

TECHNOLOGIES

- **Languages:** React, JavaScript, HTML/CSS, Python, SQL, Swift, Google Appscript, C++
- **Tools:** Github, Figma, ChatGPT, VS Code, XCode, AWS, Netlify, Quicksight, Databricks, Tableau
- **Skills:** Agile Methodology, Remote Communication, JIRA, Version Control

EDUCATION

Relevant Coursework: IOS Mobile Development, Data Management - Foundations, Front-end Development, Introduction to Systems Thinking, Version Control, Data Structures and Algorithms

Organizations: Rewriting The Code, Colorstack, CodePath

CERTIFICATIONS

- Comptia Project+ Certification
- AWS Certified Cloud Practitioner
- TIL 4 Foundation Certificate in IT Service Management