Rory Strachan

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Summary

Proficient in Python and web design, and skilled in organization and planning. A problem solver with a passionate, self-motivated approach. Student Technology Mentor at the Oakland Library Technology Services. Assisted students, and the general public, with printers, scanners, and their personal devices.

Education

Oakland University   Rochester, Michigan

Bachelor's Degree Computer Science   August 2022 - Present

Minor in Applied Mathematics, *3.57 GPA*

Course Projects

Workout Assistant

Created a Java application that walks users through workouts set by step. The application included an editable glossary and a calendar for tracking user progress and routines.

Blind Accessible Chess Game

Python application created with pygame that uses keyboard presses and text to speech to allow a user to play computer chess without sight. Included a GUI, player vs player mode, and player vs computer mode.

Experience

Oakland Library Technology Services   Rochester, Michigan

Student Technology Mentor   December 2024 - Present

- Manage printers and scanners to ensure that they have the resources they need and are properly running.
- Answer student questions about how to use campus Wēpa printers.
- Troubleshoot student's issues with personal laptops.
- Help students download software needed for class.

The Oakland Post   Rochester, Michigan

Distribution Director   June 2023 - November 2024

- Overhauled the previous system left by former management to reduce waste and be more productive.
- Contacted organizations and building managers on campus to change newspaper stand locations to be more effective.
- Formed spreadsheets from newspaper stand data to better routes.
- Provided instruction to others and created routes and routines.

2nd & Charles   Utica, Michigan

Retail Associate   June 2022 - December 2022

- Researched and assessed the quality of items being sold by customers.
- Displayed and managed expensive items kept behind glass cases.
- Informed customers about discounts and special offers and answered questions about rarer items.

Skills

Programming Languages: Java, JavaScript, Python, C

Misc: Linux, HTML and CSS, React, Organization and Planning, Detail-Oriented, Work Ethic