Trevor Farquhar

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Summary

Second year Computer Science student with experience writing code as well as designing and implementing solutions seeking internship opportunity for the summer of 2023. Adept at working effectively in fast-paced settings that demand strong organization to meet deadlines.

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | MACEWAN UNIVERSITY
- First Class Academic Standing Award (GPA: 3.522/4)
- Major: Computer Science
- Minor: Economics
- Related coursework: Data Structures and Algorithms, Practical Programming Methodology, Linear Algebra, Calculus I

Projects

COMIC READER, HACKED 2023 (HACKATHON)
- Used The Selenium and BeautifulSoup library to create a web-scrape that when given a comic from the supplied web-source, will collect all chapter weblinks and will only download page scans of a desired chapter
- Established an introductory foundation GUI design by learning Tkinter library and creating an interactive user interface to work with create web-scraper; able to search the web-source locally and select comics saved or search along with their corresponding chapters
- Extended the user interface to include e-reader that can access the downloaded pages and display them for the user to read as well being able to save the users progress by title, chapter and page number to be later recalled
- Learned and implemented Python multithreading for fast startup and run time

ICE BREAKER GAME (PERSONAL PROJECT)
- Used the graphics.py library learned in university and applied these techniques to a personal project where two players can play a fully functional game within a GUI
- Created a two-player game where players are tasked to trap their opponent with broken ice to win
- Applied techniques and knowledge of object-oriented programming for modularity too allow for simpler debugging and problem solving
- Established a deeper understanding of a variety of data structures to better format various features of the project

PERSONAL PORTFOLIO WEBSITE (PERSONAL PROJECT)
- Learned the fundamentals of web-development by creating a personal website using HTML, CSS, and JavaScript
- Established introductory knowledge of mobile development for corrective rescaling to better suit cellphone screen resolutions
- Implemented a functioning backend to handle the contact forum connection with google sheets

Experience

SNOWBOARD INSTRUCTOR/RENTAL TECHNITIAN AT EDMONTON SKI CLUB (2019-PRESENT)
- Performs well in a constantly stressful environment
- Demonstrates strong interpersonal skills while dealing with customers
- Works in a successful team of 10-20 individuals

Skills

- Technical Skills: Python, C, Java, HTML, CSS, UNIX, Selenium, Git, GitHub, Microsoft Office, Windows, Linux, Mac
- Soft Skills: Fast Learner, Strong Work Ethic, Teamwork, Problem Solving