Jackson Han

https://jtrcode.github.io | https://www.linkedin.com/in/jackson-han

Versatile software developer with 7 years of expertise in object-oriented programming, abstract data types, Linux, Android, and full stack development. Interested in exploring new fields in computer science and enjoys working in both team and self-directed settings.

SKILLS

- Proficient in C, Python, and Java
- Experience with Amazon Web Services
- GitHub Version Control
- Algorithms and Data Structures
- Machine Learning
- Bash Scripting
- Vue.js JavaScript Framework
- PostgreSQL
- Image Understanding
- Network Security
- Software Development Methodologies
- Front End: HTML & CSS

EDUCATION

University of Toronto   Sept 2018 - Aug 2022

Honours of Bachelor of Science: Computer Science
- Specialist (Co-op) Program in Computer Science Entrepreneurship Stream, 4th Year

PROJECTS

Mobile Developer   Aug 2020

Easy Rewards
- A rewards platform that manages entire customer systems to allow restaurant owners to grow their business.
- Developed a cross-platform application for users using the Quasar Framework, HTML, CSS, JavaScript (Vue.js), and Firebase.

WORK EXPERIENCE

UofT Teaching Assistant   Jan 2020 - Present

University of Toronto - Scarborough, ON
- Held weekly tutorials as a teaching assistant for the following courses and supported classroom activities, including tutoring, grading homework, and reviewing exams.
- Worked as a teaching assistant for the following courses
    - CSCD84 Artificial Intelligence (Winter 2022)
    - CSCC73 Algorithm Design and Analysis (Fall 2021)
    - CSCC63 Computability and Computational Complexity (Winter 2022)
    - CSCA08 Introduction to Computer Science (Fall 2021, Fall 2020)
    - CSCA48 Introduction to Computer Science II (Winter 2020)

Software Developer and QA   Jan 2021 - Apr 2021

Rakuten Kobo - Toronto, ON
- Assisted in the development and release of improving a multi-million e-commerce website's purchase path with new payment methods and switching payment systems.
- Wrote and optimized Selenium regression tests to maximize the success of continuous integration releases with consistent, thorough Agile practices.
- Assessed software bugs, and compiled findings along with suggested resolutions for the team.

Full Stack Developer   Sept 2019 - Dec 2019

JAM Direct - Toronto, ON
- Improved on JAM's content matching platform, generating $50,000 annually and contributed to its architectural design and migration to a newer version.
- Wrote SQL queries to coordinate user data from the database to ensure proper mailing information and language, and generate reports.
- Developed user-oriented visuals and features by creating an API using Python and Amazon Web Services, to increase customer engagement.