

David Hu

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Education

Bachelor's Degree | University of Toronto | Computer Science Specialist

- Awards: Dean's List Fall 2021 – Winter 2022, University of Toronto Entrance Scholarship

Skills & Abilities

- Proficient in Python, Java, JavaScript, HTML, CSS, C, Swift, Bash, and Assembly
- Strong foundation in data structures, algorithms, and object-oriented design
- Experienced in test-driven development and agile methodologies
- Experienced with Git, JavaFX, Swift UI, and Pygame
- Strong oral and written communication skills

Work Experience

Work-Integrated Learning | M2M Tech | Summer 2023

- Machine Learning & AI - Reinforcement Learning

Computer Camp Instructor | Three-Flavors Kids' Club | Summer 2022

- Led groups and individuals in educational summer camp programs involving Python programming and Scratch game development

Projects

Financial Management Receipt Scanner | Winter 2023

- Utilized Swift and Swift UI with the Vision framework to develop a receipt scanning and organization app. This app allows users to scan paper receipts, extract relevant information, and organize the data for easy access and management.

Historical Stock Market Simulator | Winter 2022

- Utilized Java and JavaFX for development, Git for version control, agile methodologies for project management, and various design patterns to create an application that allowed users to simulate and learn about stock market trading.

Word Hunt/Boggle Solver | Summer 2022

- Utilized Python programming, Pygame for graphics and interactivity, and various data structures to create an efficient word search visualizer.

Extracurriculars & Hobbies

- University of Toronto Mississauga Basketball Team | Fall 2022 – Present
- Bodybuilding
- Playing guitar