

Ming Yang (Kevin) XU

Self-motivated computer science student with an open mind and ability to adapt. Enthusiastic to face new challenges and learn through experiences to further develop my abilities in the field.

EDUCATION

University of Toronto – H. BSc. Computer Science

SEPT 2018 - APRIL 2022

- CGPA: 4.0
- Courses: Introduction to Computer Science (Python), Software Design (Java), Mathematical Expression and Reasoning for Computer Science

EXPERIENCE

Networks Lab Assistant – University of Alberta

May 2019 - August 2019

- Conducted timing experiments and data collection with BLE beacons using the Ubertooth library in C
- Performed socket programming using ZeroMQ to send JSON graphs
- Responsible for the visualization of graphs using Java

PROJECTS

Automation Kumon – Python and SQL

- Managed a database for students' data using MySQL
- Developed a desktop app using the Electron framework to streamline the marking process
- Merged the user interface with a Python backend using ZeroMQ sockets

MyGlowUp – Web Application

- Awarded Top 10 Prize out of 102 projects at UofTHacks VI
- Designed a web app with HTML and CSS that prioritizes user experience
- Achieved an efficient search engine using the Algolia Search REST API

Autocomplete Engine – Python

- Developed a search engine that can autocomplete words, sentences, and melodies using the unique structure of trees and recursive functions

ATM Machine – Java

- Developed a custom ATM with a focus on software design and principles
- Implemented an interactive user interface using Java libraries

References Upon Request

Toronto, Ontario, Canada

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github.com/karkevin

kevinmyxu.com

PROGRAMMING LANGUAGES

Python

Java

C

SQL

HTML

CSS

JavaScript

SKILLS

Git

MS Excel, MS Word

Photoshop

Time Management

ACTIVITIES

UofT CS Community

Organized and planned CS related events for students

President – Robotics Club

Coordinated three Arduino projects throughout the year

SHAD Enrichment Program

Successfully crafted an entrepreneurial solution to an issue in four weeks

Varsity Basketball and
Badminton Team