

# Kevin Mao

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## Skills

**Languages:** C/C++, JavaScript, Python, SQL

**Technical Tools:** Git, RESTful APIs, MongoDB

## Projects

### KIDFARER

*July 2024 - Present*

- An interactive fiction game with a focus on environmental storytelling that takes place in Toronto of the early 2000s, developed using the up-and-coming Godot engine and **GDScript**.
- Developed a complex **text parser**, capable of interpreting and responding to a wide range of user commands and input, incorporating a custom syntax inspired by retro-style text games.
- Oversaw all phases of the project, applying **Software Development Life Cycle** principles to ensure proper structure, including initial planning, design, implementation, and testing.

### Metropolitan Museum of Art (Met) Cataloguer

*March 2024 – June 2024*

- A comprehensive full stack web application that allows users to search through the Met catalogue.
- Backend development implemented via a **Node.js** server and **RESTful APIs** for handling data retrieval and manipulation with a **MongoDB** database, ensuring efficient data management.
- Designed a dynamic frontend user interface with **React**, enabling browsing, searching, and filtering of museum artifacts.

## Education

### Computer Programming & Analysis

*Jan. 2023 - Present*

Seneca Polytechnic | CGPA: 3.8

**Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Web Programming, Software Testing

## Experience

### Credit Card Analyst

*Feb. 2022 – Jan. 2023*

CIBC

**Toronto, ON**

Responded to client concerns about credit card products. Responsibilities included managing risk, investigating issues, and making product recommendations. Worked both remotely and in-office.

### Cook

*Nov. 2020 – Mar. 2021*

Sansotei Ramen

**Richmond Hill, ON**

Cooked dishes, prepared ingredients, and washed dishes with a focus on cleanliness during the pandemic. Worked in a small team, requiring flexibility and multi-tasking.

### Cook

*Sept. 2020 – Nov. 2020*

Boston Pizza

**Markham, ON**

Cooked dishes, prepared ingredients, and managed kitchen inventory with a focus on cleanliness during the pandemic. Worked in a large team, requiring communication and organization.