

Tim He

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SKILLS

Languages: C#, Java, Python, HTML/CSS, JavaScript, XML

Tools: GitHub, Heroku, Android Studio, Visual Studio, Eclipse, Atom, L^AT_EX

PROJECTS

literatura — Android & JavaScript 🌐

Android app promoting the discovery and study of canonical works of literature

- Built robust GUI using XML to access each work of literature and its associated quiz, obtained from a JSON file hosted on GitHub
- Developed book searching services to fetch book covers and information using OpenLibrary API

stoic bot — Python & JavaScript 🌐

Discord bot that provides users with Stoic wisdom, among other features

- Integrated Dark Sky API to fetch realtime data and provide users with appropriate clothes advice
- Utilized Heroku to host bot, allowing for constant usage on Discord server

Final Fantanosy VI — Java 🌐

Album "collect-a-thon" game inspired by YouTube music critic Anthony Fantano

- Designed GUI of menu, options, and tutorial screens using Java FX
- Created 8-bit sprite sheets for different in-game characters in Paint.NET

EXPERIENCE

Elections Ontario

Ancaster, ON

Information Assistant

Jun 2018

- Communicated with election officers to set-up and troubleshoot new voting technology at polling station
- Directed traffic flow of voters at polling station and accommodated questions on voting process

Idlewyld Manor

Hamilton, ON

Dietary Aide

Jan 2017 - Aug 2018

- Coordinated with dietary staff to provide residents with meals specific to their nutritional plan
- Maintained clean and healthy working environment for both residents and employees

Westmount Reach for the Top Club

Hamilton, ON

President & Team Captain

Sep 2017 - Jun 2018

- Organized and hosted exhibition tournaments in conjunction with McMaster's Quizbowl Club to raise funds and develop local Reach for the Top scene
- Lead team of six students to two consecutive top five finishes at provincial tournament

EDUCATION

University of Waterloo

Waterloo, ON

Candidate for Honours Systems Design Engineering (BASc)

Sep 2018 - Present

INTERESTS

Jazz trombone, public transit, competitive trivia, Android theming