TIM HE

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SKILLS

Languages • Java, C#/C++ Python, HTML/CSS, JavaScript

Tools • Git, Heroku, Android Studio, Visual Studio, Eclipse, Atom

PROJECTS

literatura | **Android & JavaScript** — Aug 2018

- Built a mobile app using Android Studio to promote the discovery and facilitate the study of canonical works of literature
- Designed robust GUI using XML to access each work of literature and its associated study quiz, obtained from a JSON file hosted on GitHub
- Implemented book searching services to fetch book covers and information using OpenLibrary API

stoic bot | **Python & JavaScript** — Jun 2018

- Developed Discord bot that dispenses Stoic wisdom through philosophical quotes
- Integrated Dark Sky API to fetch realtime weather data and provide users with appropriate clothes advice
- Utilized Heroku to deploy bot, allowing for constant usage on Discord server

Final Fantanosy VI | **Java** — Jan 2017

- Designed GUI of menu and tutorial screens of an album 'collect-a-thon' game using JavaFX
- Created 8-bit sprite sheets for different in-game characters using Adobe Illustrator

EXPERIENCE

Information Assistant | **Elections Ontario**

Jun 2018 | Ancaster, ON

- 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

Dietary Aide | **Idlewyld Manor**

Jan 2017 - Aug 2018 | Hamilton, ON

- 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

President & Team Captain | **Westmount Quiz Club**

Sep 2016 - Jun 2018 | Hamilton, ON

- Organized and hosted 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 — Sep 2018 - Present

Candidate for B.ASc. in Systems Design Engineering

INTERESTS

Jazz trombone, competitive trivia, Android theming, public transit