

REGAN IU

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SKILLS

LANGUAGES: Java, Python, HTML, CSS, JavaScript, R, C, SQL

TOOLS/Frameworks: React, React Native, Node, Express, Git, GitHub, Bootstrap, Android Studio, Jest, PostgreSQL, Kotlin

EMPLOYMENT

Wattpad, *Associate Engineer*, Toronto, ON May 2021 - Aug. 2022

- Implemented responsive web applications with **HTML**, **CSS**, and **React** to **90+** million users.
- Developed and maintained the Wattys 2021/2022 Awards web application using **React**, **HTML**, and **CSS**, resulting in over **30K** submissions.
- Contributed to the development of the **Android** application using **Java** and **Kotlin**.
- Participated in code reviews and implemented improvements to enhance the performance and user experience of both web and Android applications.

PROJECTS

PokeRec Sept. 2020

- Created a Pokémon Card recognition app using ML based computer vision APIs for OakHacks (top 3 finalist).
- Allows users to use their camera to scan Pokémon cards to find useful information.
- Developed front-end with clean and intuitive design using **React Native**.
- Trained **AWS Rekognition** for custom icon recognition and **AWS S3** for image storage.

Conversationalist Mar. 2020

- Designed and constructed a text-to-speech **Android** application in a team of 3 for NewHacks.
- Used an open-source speech recognition engine due to lack of spoken-language practice applications.
- Interacts with users by providing daily conversation topics to practice.
- Created using **Java** in Android Studio for front-end and back end.

EDUCATION

University of Toronto Sept. 2018 - June 2023

Bachelors of Science in Computational Cognition

Minor in Computer Science and Mathematics