Kevin **Cu** Software Developer

in linkedin.com/in/kevin-jy-cui 🕠 github.com/kevinjycui 🗞 kevincui.dev



PROFESSIONAL EXPERIENCE

July 2019 August 2019

Innovation Developer, Technology and Operations, RBC Royal Bank of Canada

- > Full stack software development on a talent management internal application
- > Built proof-of-concepts and pitched new software features
- > Completed tasks through the Agile workflow
- > Communicated new solutions to senior business leaders

Angular | Spring Boot | Java 8 | Maven | HTML | CSS | TypeScript | JavaScript | SQL | git | Jive



Programming Languages

Java 11, Python 3, C++ 17, JavaScript, HTML5+CSS, Arduino, ŁTĘX

Frameworks

Spring, Spring Boot, Angular, Django

Development Tools git, Node.js, Maven, GCC



EDUCATION

September 2016 June 2020

Westmount Collegiate Institute, VAUGHAN, ON

- > Academic Average: 97%
- > Co-President, Computer Science Club
- > Grade 11 U Computer Science Academic Award 2019
- > Grade 11 U Functions Academic Award 2018
- > Grade 11 U Physics Academic Award 2018

PROJECTS

NEUROLOGUE 2020

github.com/kevinjycui/Neurologue

Hack the Northeast 2020 submission, An interactive CYOA thriller game detecting real-time player EEG physiological metrics to determine character behaviour in-game. 2nd Best of Gaming, 3rd Most Community Voted. Configured back-end server connection, front-end game design and structure, made sprites and UI

Node.js JavaScript Phaser.js HTML5+CSS Emotiv WebSockets

PRACTICE BOT 2020

github.com/kevinjycui/Practice-Bot

The all-competitive-programming-purpose Discord bot, Discord to online judge integration. Handles problems, contests, submitting, and ratings for competitive programming Discord servers. Currently on 35 servers.

Python 3 discord.py Codeforces API AtCoder API DMOJ API

HAND SPOKEN 2019

github.com/kevinjycui/hand-spoken-backend

PennApps XX 2019 submission, converts any handwritten paper to a customized font using OCR, awarded Top 30. Worked on back-end OCR and font configuration.

Python 3 OpenCV Tesseract OCR

EXTRACURRICULARS AND AWARDS

- 2019 PicoCTF Cyber-Security Contest by Carnegie Mellon University, 29th place on Canadian Scoreboard
- 2019 PennApps XX Top 30 Award
- 2019 Web Developer at Toronto Youth Network