

Kevin Cui

Software Developer

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PROFESSIONAL EXPERIENCE

July 2019 **Innovation Developer, TECHNOLOGY AND OPERATIONS, RBC Royal Bank of Canada**
August 2019

- > 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](#) [HTML5](#) [CSS](#) [TypeScript](#) [JavaScript](#) [H2](#) [SQL](#) [git](#) [Jive](#)

SKILLS

Programming Languages C++ 17, Python 3, Java 11, JavaScript, HTML5, CSS, TypeScript, Arduino, \LaTeX
Frameworks React, Django, Angular, Spring, Spring Boot
Development Tools git, Node.js, Maven, Unix
Other Technical Skills MySQL, HTTP, WebSockets

EDUCATION

September 2016 **Westmount Collegiate Institute, VAUGHAN, ON**
June 2020

- > Academic Average : 97%
- > Co-President, Computer Science Club
- > Grade 11 U Computer Science Academic Award 2019
- > Grade 11 U Functions Academic Award, Physics Academic Award 2018
- > Visual Arts Program 2016-2018

PROJECTS

NEUROLOGUE

2020

github.com/kevinjycui/Neurologue

Hack the Northeast 2020 submission, An interactive CYOA game detecting real-time player EEG physiological metrics to determine behaviour in-game. 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 used by over 100 servers.

[Python 3](#) [MySQL](#) [discord.py](#) [AWS](#) [Codeforces API](#) [AtCoder API](#) [DMOJ API](#)

CONTEST AND HACKATHON AWARDS

- 2020 Hack the Northeast, 2nd Best in Gaming, 3rd Most Community Voted
- 2019 PicoCTF Cyber-Security Contest by Carnegie Mellon University, 29th place on Canadian Scoreboard
- 2019 PennApps hackathon hosted by the University of Pennsylvania, Top 30 Award

EXTRACURRICULARS

- 2020 Open-source contributions on DMOJ : Modern Online Judge
- 2019 Web Developer at Toronto Youth Network
- Hobbies Music composition, Learning languages, Table tennis