

# 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,  $\text{\LaTeX}$   
**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](https://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](https://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.

[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 on Duolingo, Table tennis