

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 HTML CSS TypeScript JavaScript SQL git Jive

SKILLS

Programming Languages Java 8, Python 3, C++ 17, JavaScript, HTML5, CSS, TypeScript, SQL
Frameworks Spring, Spring Boot, Angular, Rasa
Development Tools Eclipse, Code : :Blocks, Visual Studio Code, PyCharm, Maven, git, GCC, Arduino IDE
APIs Jive, Discord, Emotiv, Slack
Others Unity, Mycroft, Arduino, Jira, ProBuilder, LaTeX, OpenCV, Tesseract OCR

EDUCATION

September 2016 | **Westmount Collegiate Institute, VAUGHAN, ON**

- June 2020
- > 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

PRACTICE

2020

github.com/kevinjycui/Practice-Bot

A Discord bot connecting Discord to various online judges for competitive programming practice, linking accounts and providing practice resources through APIs and web scraping

Python 3 discord.py

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 backend OCR and font configuration

Python 3 OpenCV Tesseract OCR

ENFERI

2019

github.com/kevinjycui/enferi

Brain to Arduino interface for facial expression recognition. Worked on Emotiv API backend calling and Arduino commands

Python 3 Arduino Emotiv JSON

EXTRACURRICULARS AND VOLUNTEERING

- 2019 PicoCTF Cyber-Security Contest by Carnegie Mellon University, 29th place on Canadian Scoreboard
- 2019 Web Developer at Toronto Youth Network
- 2019 Problem Setter for the Triway Cup 2019 Junior Computing Contest on DMOJ : Modern Online Judge