

Kevin Cui

Software Developer












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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

SKILLS

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

EDUCATION

September 2016
June 2020

Westmount Collegiate Institute, VAUGHAN, ON

- > 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

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

INNOVOICER

2019

 github.com/kevinjycui/innovoicer

RBC Voice Hackathon 2019 submission, a meeting room voice assistant interface using Mycroft and Rasa to recognise commands and manage tasks, awarded Best Use of IoT. Worked on Rasa and Mycroft configuration

ENFERI

2019

 github.com/kevinjycui/enferi

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

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