

Kevin Cui

Software Developer

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PROFESSIONAL EXPERIENCE

July 2019	Innovation Developer, TECHNOLOGY AND OPERATIONS, RBC Royal Bank of Canada
August 2019	<ul style="list-style-type: none">> 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
	<div>AngularSpring BootJava 8MavenHTMLCSSTypeScriptJavaScriptSQLgitJive</div>




SKILLS

Programming Languages	Java 8, Python 3, C++ 17, JavaScript, HTML5+CSS, Arduino, \LaTeX
Frameworks	Spring, Spring Boot, Angular, Django
Development Tools	git, Node.js, Maven, GCC

EDUCATION

September 2016	Westmount Collegiate Institute, VAUGHAN, ON
June 2020	<ul style="list-style-type: none">> 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

DIALEKTECH	2020
 github.com/kevinjycui/DialekTech TOHacks 2020 submission, an all-comprehensive educational video analyzer, locates the estimated timestamp and content of the solution or topic related to a question in a video, awarded runner-up for Most Innovative Distributed Compute Protocol (DCP) App. Configured DCP into string comparison function, set up Google Cloud API, ffmpeg, and designed some of the front-end.	
<div>JavaScriptNode.jsDCPGoogle CloudFFmpegHTML5+CSS</div>	
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.	
<div>Python 3OpenCVTesseract OCR</div>	
ENFERI	2019
 github.com/kevinjycui/enferi Brain to Arduino interface for facial expression recognition. Set up Emotiv API calling and developed Arduino commands. Led a team to coordinate work with both software and hardware.	
<div>Python 3ArduinoEmotiv</div>	

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
2019	Problem Setter for the Triway Cup 2019 Junior Computing Contest on DMOJ : Modern Online Judge