

KELLY, CHONG KA LYE
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SUMMARY OF SKILLS

Programming | • C++ • Python • SQL • Java • HTML • CSS • ReactJS • JavaScript
Tools | • Matlab • Visual Studio • MySQL • Eagle • PSpice • DipTrace • Arduino • Android Studio • JIRA
• Selenium • Anaconda • Excel • VBA
Operating Systems | • Windows • Linux – Ubuntu, CentOS7, OpenSUSE • OS X

EDUCATION

- Bachelor of Electrical Engineering** 2014-2018
Concordia University, Montreal, QC
- Relevant Courses: Programming Methodology; Digital Systems Design; Electronics; Electrical Power Systems; Flight Control System; Avionic Navigation Systems, Real-time Control System
- Cambridge GCE A-Level** (University Preparatory Diploma) 2012-2013
Institut Sinaran, Sabah, Malaysia
- Cambridge GCE A-Level: Grade 'A' in Mathematics, Physics and Chemistry

WORK EXPERIENCE

- Localization Quality Assurance Tester (On-call)** Jan 2020 – Now
PTW Canada Solutions Inc., Montreal, Quebec, Canada
- Ensuring console manufacturer guidelines are adhered to
 - Writing reports of errors/bugs found and providing suggestions for improvements
 - Ensure the consistency of terminology and imagery
- Quality Assurance Co-op Intern** Jan 2017 – Apr 2017
Diff Agency, Montreal, Quebec, Canada
- Verified the reliability and functionality of company-developed web pages
 - Wrote automated processes and scripts to examine the functionality of web pages
 - Developed detailed, comprehensive and well-structured test plans and test cases
 - Documented test results in an organized way and tracking corrective actions
 - Performed thorough regression testing when bugs are resolved
- Software Quality Assurance Co-op Intern** Sept 2015 – Dec 2015
Matrox Electronics, Dorval, Quebec, Canada
- Verified the reliability and functionality of company's video drivers, software utilities and applications
 - Participated in developing test plans and applied the test suites to company's products
 - Documented test results in an organized way and tracked corrective actions
 - Performed various tests on both Windows and Linux operating systems
 - Assisted the engineering group in reproducing and solving product-related problems
- Sales Associate** Jan 2014 – July 2014
E.U. Office Supplies & Trading, Sabah, Malaysia
- Served multiple customers, discovered their needs, and made recommendations to generate sales
 - Enhanced product knowledge utilizing limited resources
 - Built and maintained internal and external customer satisfaction

PROJECTS

Burger Ordering Web Application (Personal)	In Progress
<ul style="list-style-type: none">• A web application where users can order customized burgers• Developed using ReactJS, JavaScript and CSS and backend database implemented using Firebase	
Mailing List Web Application (Personal)	Oct 2019
<ul style="list-style-type: none">• Developed a mail listing web application where users can add names and email addresses for subscription purpose using SQL and Node.js• Styled the designed webpage using CSS and HTML	
In-Car Heatstroke Preventor (Capstone)	2017-2018
<ul style="list-style-type: none">• Designed and built a stand-alone device that can detect and report potential risk of in-car heatstroke accidents• Identified electronic components needed and computed the electrical circuit• Programmed the microchip and sensors using C++	
VTOL Drone (Personal)	2016
UAV Concordia, Concordia University, Montreal, QC	
<ul style="list-style-type: none">• Worked on the power plant of a VTOL drone along with other 4 members• Identified and selecting the most suitable electrical parts for the drone given the constraints specified	
Android GPS Locator App (Academic)	2016
<ul style="list-style-type: none">• Wrote codes in Java to design an Android GPS locator application• Prepared the Software Requirement Specification (SRS) document	
Hovercraft Design Competition (Academic)	2016
<ul style="list-style-type: none">• Designed and built a hovercraft which can complete a lap of given track in the shortest amount of time• Worked on the steering and lifting system of the hovercraft along with other 3 members	
ALEKSANDR, CONSAT-2 (Personal)	2015
Space Concordia, Concordia University, Montreal, QC	
<ul style="list-style-type: none">• Project involving Aleksandr, a CubeSat to study long-term performances of a self-healing material in a non-controlled microgravity environment• Worked on antenna deployment, payload and power-related materials such as PCB using Arduino and DipTrace	
Hospital Management System (Academic)	2015
<ul style="list-style-type: none">• Designed a system to facilitate in checking doctors' and beds' availabilities and allocating them to patients• Implemented the system using C++ classes	

VOLUNTEER WORK

ISO Volunteer	2015 – 2017
International Students Office and Student Success Centre, Concordia University, Montreal, QC	
<ul style="list-style-type: none">• Helped out with various orientation events such as greeting and guiding newly arrived students• Worked as an office greeter and answered non-immigration related questions from students• Prepared packages and press kits for newly arrived students	