

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

- 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

- 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

- 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

- 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

- Wrote codes in Java to design an Android GPS locator application
- Prepared the Software Requirement Specification (SRS) document

Hovercraft Design Competition (Academic)

2016

- 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

- 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

- 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

- 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