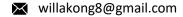
# WILLA KONG







# CORE COMPETENCIES

- \* Proficient with Java, C#, .NET Core and Framework, C++, HTML, CSS, JavaScript
- \* Familiar with Git, Bootstrap, PowerShell, Swift, NuGet, Confluence
- \* Experienced with Windows, Linux (Ubuntu, Debian), OSX
- \* Solid knowledge of object-oriented programming, data structures, and algorithms

#### PROFESSIONAL EXPERIENCE

**System Developer** 

Jan 2018 – Apr 2018

Morneau Shepell, Markham ON, Canada

- \* Developed a systems integration application that syncs defects from HP ALM to Microsoft VSTS within two weeks by learning and using C#, .NET Core 2.0, and Windows Active Directory and the respective REST APIs which allowed smoother scrum meetings and up-to-date statuses on defects
- \* Implemented a two-way synchronization algorithm using 3-way merging in the systems integration application
- \* Designed UI POCs using HTML, Bootstrap 4.0, Angular 5, and ASP.NET Core 2.0 that illustrated a new syncing interface that successfully organizes build packages

### **PROJECTS**

Personal Website Feb 2018 – present

- \* Utilized skills in web hosting, web development, and design to illustrate my achievements and abilities
- \* Developed from scratch using HTML, CSS, JavaScript, and jQuery and currently maintaining its quality

# **Attitude Determination & Control Subsystem Satellite Algorithm**

May 2018 - present

WatSat, Waterloo Student Design Team

\* Currently researching detumbling and noise reduction algorithms to be implemented for the satellite control subsystem

Stock Notifier Oct 2017 – Dec 2017

\* Developed an embedded system in C++ using the Omega Onion that will web scrape stocks and display the information on an OLED screen with LED indicators

# **EDUCATION**

# **University of Waterloo**

Sep 2017 - May 2022 (expected)

Candidate of Bachelors of Applied Science (Computer Engineering)

\* Relevant Courses: Linear Circuits, Digital Circuits and Systems (VHDL), Electricity and Magnetism