WILLA KONG

willakong8@gmail.com

https://linkedin.com/in/willakong
https://github.com/willakong
http://willakong.com

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