Zhicheng (Alex) Wen
Computer Engineering

Website
alexander-wen.github.io

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EMPLOYMENT

May '15-Aug '15 — **Blackberry**
Firmware Developer
Developed sensor drivers in a **Linux** coding environment using **C** and **C++** for new Priv Smartphone. Fixed several gating issues that prevented release. Created **Android** mobile test app used for testing drivers.

Sep '13-Aug 14' — **Scholars at Your Service**
Door to Door Marketer
Went door to door to sell painting services. Efficiently met daily sales quota, while maintaining a friendly temperament.

Jul '12-Aug '12 — **Bento**
Sushi Chef
Worked alone to make over 50 boxes of sushi in under four hours. Responsible for a sanitary and tidy workstation.

PROJECTS AND EXPERIENCE

Sept '15 — **Reflect**
Html, CSS, JavaScript, Node.js
Responsible for entire front-end for Reflect smart mirror that pulls in productivity/health data and displays the information on Reflect.

Jan '15-Cur — **Waterloo Aerial Robotics Group (WARG)**
Html, CSS, JavaScript
Responsible for creating the ground station that interprets and outputs all raw data into a user friendly GUI.

Jan '15-Cur — **Togul Smart Outlet**
C, Android, Java, XML
Internet of Things smart outlet that can be controlled by a Myo, Pebble, Android App, or PC app that detects phone charge to prevent overcharge.

Jan '14 — **Fluid**
C#, Html, CSS
An application that parses a general template file, and a general body file to generate a fully functioning website.

EDUCATION

Sep '14-Cur — **Honours Computer Engineering**
University of Waterloo
Candidate for Bachelor of Applied Science (B.A.Sc.)

SUMMARY

Proven to work efficiently under pressure

Quick learner

Excellent oral and written communication skills; fluent in English and Mandarin

LANGUAGES

Proficient
C, C++, C#, HTML, CSS, JavaScript, Java, XML, LaTeX, Shell Scripting
Familiar With
MatLab, jQuery, REST, JSON, ARM Assembly

TOOLS

IDE
Eclipse, Visual Studios, Dev-C++
Productivity
Microsoft Office, LaTeX, Git, JIRA
Frameworks
Bootstrap, Node.js, jQuery, Android, Unity Engine
Developing Environments
Linux, Windows, OS X

INVOLVEMENT

Waterloo Aerial Robotics Archery Club

INTERESTS

Violin, Longboarding, Cycling, New Technologies