

Austin Wu

Tel: 647-870-5566 | Email: wu.guangyu@yahoo.com | Portfolio: <https://uw-guangyu.github.io>
Experienced software developer with 4 years of programming experience and 2 years of industry experience. Focusing on Web Development, having a good knowledge of front-end, back-end, and database.

EDUCATION

University of Waterloo

Bachelor of Engineering, Computer Engineering

Waterloo, CANADA

Sept 2015 - Present

TECHNICAL SKILLS

- Programming Languages: HTML; CSS; JavaScript; SQL; PHP; Java; C++; Python
- Library&Technologies: Bootstrap; jQuery; MySQL; MariaDB; phpMyAdmin; Visual Studio Code

WORK EXPERIENCE

DATA CLOUD Networks

Full Stack Developer

Hearst, CANADA

Sept 2019 - Dec 2019

University of Hearst Project

- The University of Hearst requests the development of portals for students, teachers, and admins to coordinate with each other online, which requires many features such as forms submission, email notification, reports generation, etc
- Developed portals architecture and user interfaces using Ajax as well as assigning permissions to different roles of users
- Designed and developed JavaScript to extract and post data from client-side to server-side
- Developed server-side applications using PHP to get data from JavaScript or retrieve data from database and save changes and updates to the database
- Created databases, tables and views in MySQL on the production server and fork the databases to MariaDB for developing and testing on the local server; and used phpMyAdmin to manage databases
- Optimized the site security by using SQL prepared statements, password hashing, time out management and log system

FGF Brands

Web Developer

Toronto, CANADA

Jan 2019 - Apr 2019

- Developed the Progressive Web App for internal users to work offline or on low-quality networks, which has pushing notifications and IP addresses lookup functionality
- Developed FGF Style project based on Bootstrap and Popper JS for internal developers to uniformly implement on projects
- Designed and built user interface components based on Kendo UI according to clients' requirements
- Built a Console App using C# and SharePoint REST API to retrieve and send data from SharePoint to objective console
- Updated SharePoint site settings to coordinate with the SAP resource management
- Programmed an amount of NFC tags with IP addresses and department Info on Android devices for company asset tracking

Information and Privacy Commissioner of Ontario

Web/LAN Officer

Toronto, CANADA

Sept 2017 - Aug 2018

- Developed company intranet and created FAQs sections for users to identify problems and reach out to possible solutions
- Managed email service on Active Directory Users to create/drop groups and assign activities to internal users
- Provided IT support for internal officers(150+ users) including solving problems of computers, peripherals, operating systems as well as pushing windows patches weekly
- Completed an amount of OS imaging as well as BIOS upgrading and deployed OS to internal users
- Upgraded the version of servers to the Windows 2016 on VM vSphere and used EqualLogic to back up data efficiently

West Corporation

Web Designer

Toronto, CANADA

Jan 2017 - Apr 2017

- Designed effective user interfaces while focusing on the design of Headers, Banners, Callouts, Features, and Footers
- Applied internal design standards to all projects(100+ websites) while enhancing the look and feel of existing content
- Created visual concepts that match the content and image of the website used by internal and external customers

PROJECTS

Real-Time Weather App

- Designed and built a real-time weather app using HTML, CSS, JavaScript and OpenWeatherApp API, which allows users to explore the temperature, humidity, and pressure for input cities
- Link: https://uw-guangyu.github.io/Weather_PWA/index.html

Social Network System

- Designed an Entity-Relationship Model for a social network, created a database with appropriate tables and data based on the ER Model diagram, and created the prototype CLI client and a set of well-defined APIs
- Link: https://github.com/UW-GuangYu/Social_Network_System