

Alex Sin Hang Wu

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SKILLS

PROGRAMMING

Proficient:

- JavaScript (ES6)
- AngularJS
- React
- Python
- Django

Familiar With:

- C++
- Android/Java
- Objective-C
- \LaTeX

TECHNOLOGIES

- AWS
- Electron
- Node
- OpenCV
- D3.js
- Android Studio
- Xcode
- Appcelerator
- Unix
- Git

LINKS

Website: alex-sh-wu.github.io

Github: github.com/alex-sh-wu

LinkedIn: ca.linkedin.com/in/alexshwu

EDUCATION

UNIVERSITY OF WATERLOO

BACHELOR OF COMPUTER SCIENCE

- With Business Option

Sep 2012 - Aug 2017

HOBBIES

- Cooking
- Jogging
- Biking
- Gaming

WORK

FULL STACK DEVELOPER | LOCAL LINE

Jun 2020 – Sep 2021 | Waterloo, ON

- Maintained, fixed, and wrote new features in AngularJS, React, Python, Django, and PostgreSQL
- Participated in creating new endpoints that conform to the RESTful web API design standards, along with unit tests
- Worked closely with product designers, development team, product manager, and QA to create fixes and features according to design
- Collaborated with others in migrating the website from AngularJS to React (ongoing)
- Identified existing tech debt and participated in refactoring and optimizing code
- Developed an automated data synchronization process that integrates with HubSpot and Zapier

FRONTEND DEVELOPER | LOCAL LINE

Nov 2017 – Jun 2020 | Waterloo, ON

- Maintained, fixed, and wrote new features in AngularJS
- Screened, interviewed, evaluated, and gave hiring input for 50+ applicants on technical roles
- Mentored interns on best practices for AngularJS, Python, and Django
- Collaborated with backend developers to complete (Agile) epic features on the webapp
- Juggled multiple projects simultaneously

FULL STACK SOFTWARE DEVELOPER | ENCIRCLE

Sep 2016 – Dec 2016 | Waterloo, ON

- Streamlined and redesigned UI to remove confusion from user experience
- Picked up technology stack quickly and brought other co-ops up to speed

SOFTWARE DEVELOPER | VOLTERA

Jan 2016 – Apr 2016 | Waterloo, ON

- Automated printer axis calibration by utilizing imaging processing algorithms from OpenCV [Python, Pyserial]
- Rewrote the printer application code to use React, Redux, and Electron

IOS DEVELOPER (XCODE) | SPRINGBOARD DATA MANAGEMENT

May 2015 – Aug 2015 | Mississauga, ON

- Developed and published the company iOS app (data analytics dashboard) with minimal guidance [Objective C]
- Designed a custom table view that expands and shrinks to provide better user experience
- Created web pages for the internal company website to show data analytics using HTML, CSS, Javascript, and FusionCharts XT

MOBILE DEVELOPER (APPCCELERATOR) | METROLAND MEDIA

Sep 2014 – Dec 2014 | Toronto, ON

- Improved the app store rating of the Save.ca mobile app (both Android & iOS)
- Implemented the shopping list feature that synchronizes user data between the browser and the mobile app
- Fixed bugs and refactored code to improve stability, readability, and speed