

DAVID HEW-WING

SOFTWARE ENGINEER

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🌐 DavidHewWing

A programmer with four-years of hands-on experience with web development, object-oriented programming, Android development, and a passion for learning. Currently seeking a challenging, fast-paced and dynamic environment where I can be innovative, learn, and develop my programming skills. Field of technology has an endless application, so I am always willing and passionate to learn new things.

Skills

FLUENT - LANGUAGES

Java
Python
HTML
JavaScript
XML
Git
AngularJS
Ruby
Angular
RxJS
NgRX

FLUENT - TECHNOLOGIES

Eclipse
Android Studio
Parse.io
Firebase.io
AWS
Bitnami
Bitbucket
JIRA
Github
Confluence
RESTful Webservices
TFS
Linux
PuTTY

FAMILIAR TECHNOLOGIES AND LANGUAGES

Docker
Nagios
Kubernetes
Puppet

Education

University of Ottawa
BASc Software Engineering
2nd Year Undergraduate

Sept. 2017 to Current

Employment

Canadian Food Inspection Agency

Mobile Application Developer

May 2018 to Aug. 2018

- Full-stack engineer responsible technological direction for a five-member mobile development team.
- Practiced AGILE software development in particular SCRUM.
- Worked with Firebase.io, ParseServer, AWS, Bitnami and SQLite to organize data.
- Attended and contributed client meetings, discussing technical and business requirements.

JSI Telecom

Full Stack Developer

Kanata, Ontario
Jan. 2019 to Current

- Web Application Developer and Infrastructure Maintenance on the JSI 4Sight Suite
- AGILE development using TFS.
- Reverse engineered and quickly understood the code-base to squash bugs.
- Worked with Virtual Machines, AngularJS, Nagios, Ruby, Linux.

Projects

GamesHub

Jan. 2019 to Current

- Currently under ongoing construction
- A Web Application that allows to play simple board games, etc.

CFIA Calculator

May 2018 to Aug. 2018

- Calculator for the Canadian Food Inspection Agency for Android
- Allowed for streamlined risk-based assessments
- Created wireframes and prototypes
- Met with clients to understand technical and business requirements

Hack The 6ix Hackathon

Aug. 2018 to Aug. 2018

- Trained simple machine learning model using the Google Cloud AutoML
- Used OpenCV to utilize computer vision to recognize shapes and icons
- Android application to help users identify washing instruction and symbols on clothes

SafeChat

Feb. 2019 to Mar. 2019

- uses Google AutoML and Angular to determine if a phrase can be harmful.
- (Angular, Pandas, AutoML, etc.)
- potentially can filter out toxic/harmful phrases in a group chat or event page

Activities

Varsity Ultimate Frisbee

Sept. 2017 to Current

Cutter for the University of Ottawa Gee-Gees varsity ultimate team.

Volunteering

Ottawa Carleton Ultimate Association · Youth Coach

May 2018 to Aug. 2018

- Coached children U17 and U12 basic rules concepts of Ultimate Frisbee
- Worked with co-coaches to design drills, keep them organized and keep the children safe.

References

Chun Wu · chun.wu@canada.ca

Team Lead and my Supervisor in the Canadian Food Inspection Agency