

# Tyler Kuipers

SOFTWARE DEVELOPER

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## Technologies

OOP ● ● ● ● ●  
Git ● ● ● ● ●  
HTML/JS ● ● ● ● ○  
Python ● ● ● ○ ○

TDD ● ● ● ● ●  
Linux/Bash ● ● ● ● ●  
Data Structures/Algorithms ● ● ● ● ○  
Docker ● ● ● ○ ○

## Skills

**Collaboration** Successfully interacted with colleagues to complete assigned tasks and projects.  
**Leadership** Performed lead developer duties on several projects; each delivered on time without major post-launch defects.  
**Proficient Developer** Continuously performed above the expectations of previous employers.  
**Organization** Collaborated with Product Owners to prioritize user stories within projects, and consequently, deadlines were met.  
**Communication** Worked remotely for 6 months and maintained a high level of communication with colleagues and superiors.

## Work Experience

### Alberta Motor Association

Edmonton, Alberta

SOFTWARE DEVELOPER

Jun 2018 - Present

I work as a Software Developer for AMA's Insurance Division doing development on their core insurance product.

- Daily work is completed in Gosu (a JVM language) on the Guidewire framework.
- Daily tasks are completed using TDD methodology.
- Performs Scrum Master role on a projects that are delivered on time and on budget with no critical defects post-launch.
- Design and program the test framework that is used to run our integration tests. Changes made contributed to a 30% drop in defects on subsequent projects.
- Planning and implementation of the solutions used for online payment on AMA's website, utilizing third party API's and Guidewire.
- Lead transition from SVN to Git.
- Created a Docker image for use with our instance of Guidewire.
- Hosts training sessions around TDD, unit tests, and the methodology behind them for coworkers.
- Primarily advancing skills in: Gosu, Guidewire, Git, Ant, Docker, and some in Java.

### Pleasant Solutions

Edmonton, Alberta

SOFTWARE DEVELOPER

Jan 2018 - Jun 2018

I worked as a full-stack developer on projects highly customized to client's needs.

- Daily work was completed in C# .NET, heavily utilizing an MVC design pattern.
- Gained experience in leadership roles for small projects.
- TDD methodologies were used to complete tasks.
- Front-end work was completed in a mix of C# and HTML/JS using C# Razor.
- Primarily advanced skills in: the Windows C# toolchain, XAML, HTML, JS, Git, Moq, and the NUnit Framework.

### Lockheed Martin Canada

Halifax, Nova Scotia

SOFTWARE ENGINEER ASSOCIATE

Jan 2017 - Jan 2018

Worked as an associate software engineer developing software to be used in CMS 330.

- Contributed to the implementation of a Data Fusion module for use with Combat Management Systems.
- Worked with a team to develop software modules responsible for the management and status of various underwater sensors.
- Worked in an Agile SCRUM environment.
- Completed daily work using TDD methodologies.
- Primarily advanced skills in: Java, Git, SQL, Bash, Junit, and Java Mocking Frameworks.

Worked as a full stack developer; designed and implemented an approach to dynamically reference items both spatially and temporally.

- Designed and built a website that researchers could input information into; viewers could see the information and explore it.
- Researched the method utilized and authored an undergraduate thesis documenting my contribution to the Edmonton River Atlas Website
- Primarily advanced skills in: PHP, HTML, JavaScript and jQuery, PostgreSQL, and PostGIS.

## Education

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### **The King's University**

B.S. IN COMPUTER SCIENCE

*Edmonton, Alberta*

*Sep 2012 - Dec 2016*

### **Coursera**

SCRUMMASTER COURSE

*Online*

*Jan 2019 - Jan 2019*