

# Tyler Kuipers

## SOFTWARE TEAM LEAD

1828 Keene Crescent, Edmonton, Alberta

☎ (587) 879-4626 | ✉ tkuipers123@gmail.com | 📱 tkuipers | 🌐 tyler-kuipers

## Skills

<b>Leadership</b>	Performed lead developer duties on several projects; each delivered on time without major post-launch defects.
<b>Quick Learner</b>	Consistently able to contribute large amounts within a short amount of time in a position.
<b>Problem Solving</b>	Often assigned architectually significant tasks, resulting in successful software standards..
<b>Proficient Developer</b>	Continuously performed above the expectations of employers, both in terms of speed and quality.
<b>Organization</b>	Cooperated with others to prioritize user stories within projects, and consequently, deadlines were met.

## Work Experience

### Alberta Motor Association

Edmonton, Alberta

SOFTWARE DEVELOPER | SOFTWARE TEAM LEAD

Jun 2018 - Feb 2021 | Feb 2021 - Present

I work as a Software Developer for AMA's Insurance Division, doing development on its core insurance product. Responsibilities include the following:

- Leading a team of developers working on the AMA's PolicyCenter implementation.
- Leading another team contributing to an organization-wide standards initiative.
- Performing scrum master responsibilities to increase team efficiency.
- Suggesting and facilitating improvement ideas brought forward by the insurance development team.

I have also brought success to our department in the following ways:

- Led an initiative designing and programming the test framework that we are currently using. It has led to a sharp reduction in bugs throughout following projects.
- Planned and implemented the solutions used for online payment on AMA's website, utilizing third-party APIs and Guidewire.
- Supported my team through knowledge transfer, guidance, and open dialogue.
- Participated in upgrade assessment with Guidewire to determine the scope and amount of work required to upgrade AMA's instance of Guidewire to the cloud.

### Pleasant Solutions

Edmonton, Alberta

SOFTWARE DEVELOPER

Jan 2018 - Jun 2018

I worked as a full-stack developer on projects highly customized to the 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.
- Created the HMI for a concrete distribution plant. This project used C# to integrate with PLC ladder logic to report on and control a concrete distribution center.

### 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 an internal research project, implementing a Data Fusion module for use with Combat Management Systems.
- Worked 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.

### The King's University

Edmonton, Alberta

SOFTWARE DEVELOPER/RESEARCH ASSISTANT

May 2014 - Sep 2016

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 data 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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## Athabasca University

CMPT 501

I am taking some master's courses to keep learning and stay updated with software development methodologies.

Edmonton, Alberta

May 2021 - Present

## The King's University

B.S. IN COMPUTER SCIENCE

Edmonton, Alberta

Sep 2012 - Dec 2016

# Technologies

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Gosu/Java ● ● ● ● ●  
Agile ● ● ● ● ○

TDD ● ● ● ● ●  
Python ● ● ● ○ ○