

Tyler Kuipers

SOFTWARE DEVELOPER

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Skills

Leadership	Performed lead developer duties on several projects; each delivered on time without major post-launch defects.
Quick Learner	Consistently able to contribute large amounts within a short amount of time in a position.
Communication	Worked remotely for 6 months and maintained a high level of communication with colleagues and superiors.
Organization	Cooperated with others to prioritize user stories within projects, and consequently, deadlines were met.
Proficient Developer	Continuously performed above the expectations of employers.

Side Projects

Stocker	Stocker is a project written in Python, using third-party APIs and Tensorflow. It scrapes the web for news articles relating to a given list of companies. It then determines the tone of these articles. It uses this information and historical data to predict whether the company's stock price will go up or down the following day.
Hockey App	Hockey App is an incomplete stats app for NHL players built with Flutter. This app is and will be geared towards people in fantasy hockey leagues and will contain features to provide extra convenience for them. Eventually, features will be added to give players advice on making trades within their fantasy league.

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 its core insurance product.

- Daily work is completed in Gosu (a JVM language) on the Guidewire framework.
- Daily tasks are completed using TDD methodology.
- Performing Scrum Master role on projects that are delivered on time and budget with no critical defects post-launch.
- Design and program the test framework that is currently used to run our integration tests. Changes made contributed to a 30% drop in defects on subsequent projects.
- Planning and implementing 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.
- Hosting 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 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.
- Primarily advanced skills in the Windows C# toolchain, REST endpoints, 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.

The King's University

SOFTWARE DEVELOPER/RESEARCH ASSISTANT

Edmonton, Alberta

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.

Technologies

OOP	●	●	●	●	●
Data Structures/Algorithms	●	●	●	●	○
Node	●	●	●	●	○

Gosu/Java	●	●	●	●	●
Git	●	●	●	●	○
Python	●	●	●	○	○

Education

The King's University

B.S. IN COMPUTER SCIENCE

Edmonton, Alberta

Sep 2012 - Dec 2016