

Tyler Kuipers

SOFTWARE DEVELOPER

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Technologies

Gosu/Java ● ● ● ● ●
Git ● ● ● ● ●
HTML/JS ● ● ● ● ○
Python ● ● ● ○ ○

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

Skills

Leadership Performed lead developer duties on several projects; each delivered on time without major post-launch defects.
Initiative Successfully completed major projects with minimal supervision from business units.
Proficient Developer Continuously performed above the expectations of previous employers.

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.

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 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

The King's University

B.S. IN COMPUTER SCIENCE

Edmonton, Alberta

Sep 2012 - Dec 2016

Coursera

SCRUMMASTER COURSE

Online

Jan 2019 - Jan 2019