

Tyler Kuipers

SOFTWARE DEVELOPER

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Summary

Software Developer with hands-on experience in many facets of software development. I am an enthusiastic, supportive, team player dedicated to efficiently solving intricate problems. I have extensive experience in back-end development and have done front-end work as well. I have personally led teams to the completion of successful projects as well.

Skills

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

OOP ● ● ● ● ●
Linux/Bash ● ● ● ● ●
Python ● ● ● ○ ○

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.
- Performing 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. This is contributing 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.
- Create a Docker image for use with our instance of Guidewire.
- Host 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 and viewers could see the information and explore it.
- Researched the method utilized and authored an undergraduate thesis documenting this work.
- 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