



Alexander Lipianu

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SUMMARY OF QUALIFICATIONS

- Over one year of experience documenting systems, applications and frameworks for various audiences
- Knowledgeable in creating and designing content for performance-critical web-based solutions
- Experienced in creating guides, manuals and software performance analyses for developers and stakeholders
- Proficient with several technologies used over the course of four internships at various startups

EXPERIENCE

CareGo Tek Inc.

Burlington, ON

Application Developer

Apr – Aug 2018

- Created and designed webpage content for business-critical automated warehouse management systems
- Wrote database procedure and software development guideline documents for new hires and co-op students
- Documented optimizations and improvements to product performance for internal stakeholders
- Completed large code reviews containing hundreds of file changes

Technologies used: JavaScript, C#, CSS, HTML, jQuery, Bootstrap, ASP.NET MVC, SQL

WATonomous

Waterloo, ON

Simulation Sub Team Member

Sept – Dec 2017

- Developed virtual cameras to capture vehicle simulation color and depth data
- Researched and presented methods of game engine data retrieval to prototype data transfer protocol
- Created a manual outlining provided functionality and proper usage of various custom simulation components

Technologies used: C++, Unreal Engine

InFlight Corporation

Niagara Falls, ON

Software Developer In Test

Jul – Sept 2017

- Developed internal testing framework for automated web-based application testing
- Wrote wiki documentation outlining provided functionality and proper usage of testing framework
- Created and documented sample test scenarios, highlighting typical test case structure and expectations

Technologies used: JavaScript, Node.js, Mocha, Fiddler, HTML, CSS

InFlight Corporation

Niagara Falls, ON

Software Developer

Jul – Sept 2016

- Extended several internal testing and debugging tools
- Added README documentation to previously undocumented internal tools and applications
- Composed weekly status reports to supervisor summarizing completed tasks

Technologies used: C#, .NET, WinForms, Fiddler, Chromium

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Computer Science

Sept 2017 – Apr 2022

Relevant Coursework: Genres of Technical Communication, Communications in Mathematics & Computer Science, Introduction to Academic Writing