

SAMUEL HOROVATIN

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Education

Bachelor of Science Honours, Computer Science [Expected April 2019]

- Minor: Biology
- *University of Saskatchewan, Saskatoon, Saskatchewan*

Relevant experience

Software Engineering

- Experience building medium scale software systems, including all steps in a software development cycle such as requirements, design docs, change management, testing, implementation, and user/programmer documentation
- Strong understanding of various incremental, iterative, and agile development processes and commonly used architectures
- Strong technical writing ability for comprehensive reports and design documents
- Experience with tools to aid in software engineering including teamwork, TTD, design patterns, version control (Git and SVN), code review, and pair programming

Languages

- C, C++, Java, HTML5, CSS, JavaScript (Familiar with Python, Haskell, SQL)

Developer Tools and Environments

- Extensive experience using the Unix terminal, including makefiles and scripting
- Eclipse, Netbeans, IntelliJ IDEA, Oracle VirtualBox, WinGHCi

Data Structures and Algorithms

- Implemented data structures including lists, queues, binary trees, heaps, self-balancing trees, KD trees, and graphs
- Implemented graph algorithms, including Dijkstra's, Kruskal's, and Knapsack-problem solutions
- Familiar with regex, grep, string manipulation, and parsing

UI Design

- Designed and implemented personal website using HTML5, CSS, and jQuery
- Created website using ruby on rails web application, integrating various API's such as mailgun, hirb, and stripe
- Experience with UI design of Java based projects, including familiarity with Android

Operating Systems and Machine Concepts

- Experience with kernel level process's and concepts, including the implementation of a process scheduler, mutually exclusive data structures (semaphores, monitors and locks) and process threading
- Understanding of CPU and related concepts

Personal and professional development

- Strong Interpersonal skills – team player, open to feedback, strong communication skills
- Life long learner – Always ready and excited to learn new concepts and problem solve

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Work

Claim Adjuster Assistant

May – August 2016

Intact Insurance

- Provided support to the Catastrophe Insurance Adjusting, with multiple project relating to claims administration, support to field adjusters, and customer service for insurance claims relating to the Fort McMurray wildfires and Alberta hail storms.
- Job shadowed in the IT Department

Recreation Leader-Summer Camps

June – August, 2012 through 2015

City of Calgary

- Worked as a part of a team to effectively plan and deliver safe and fun summer camp programs and activities including sports, games, arts and crafts for children aged 3-12
- Provided active supervision for all day campers
- Assumed staff supervisory duties when required

REFERENCES

Tracie Henry

Supervisor, Intact Insurance

403-813-8215

tracie.henry@intact.net

Monica Grabe

Former owner of Parkland Preschool

647-918-8495

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Darcy Whitaker

Former Supervisor – Southland Leisure Centre

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Joan Dunlop

Personal Reference

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