

Work Experience

Synopsys, Inc.

GUI Automation Intern

Calgary, AB

May 2016 - Sep. 2016

- Worked in Java to build frameworks for GUI automation backends, using tools like SikuliX and Tesseract.
- Worked on PDF automation (parsing text from and using SikuliX visual tools on PDFs).
- Improved existing OCR functionality for desktop automation (mainly through image pre-processing with BoofCV).
- Participated in daily standup emails and weekly team meetings, sharing my progress/challenges for the past day/week, and discussing my intentions for the coming day/week.

Steamatic Canada, Inc.

Construction Labourer

Calgary, AB

Jun. 2013 - Aug. 2013

- Contributed hard work with smart, safe, and effective practices.
- Used a range of restoration equipment and techniques.
- Worked to restore hard-hit businesses and homes in the Calgary area following the 2013 Calgary flood.

Education

University of Calgary

BSc. Honours in Computer Science

Calgary, AB

(Expected) Sep. 2014 - Apr. 2018

- Third year of studies.
- Current GPA: 3.808.

Sir Winston Churchill HS

High School Diploma

Calgary, AB

Sep. 2011 - Jun. 2014

- Received 7/7 in IB computer science, high level.
- IB HL computer science focused on Java and introduced data structures, algorithms, and introductory software engineering practices.

Skills

Programming:

- **Java:** Six years experience, including a summer in an industry setting.
- **Lua:** Six years experience, primarily for game development with ROBLOX Studio.
- **JavaScript:** Three years experience using jQuery, Node.js, and express.js.
- **HTML, CSS:** Four years experience, as well as Pug and Sass.
- **C++:** A couple of semesters experience, one with OpenGL and GLFW, the other with KOS.
- Various others for small amounts of time (including C# and Python).

Software:

- Advanced user of Sublime Text 3, IntelliJ IDEA 2016, Paint.NET, and Slack.
- Proficient with Eclipse IDE, Microsoft Office, Git and GitHub.
- Familiar with Digital Ocean.

Miscellaneous: Comfortable with both Windows and UNIX workspaces and terminals. Prefers to develop with a bash terminal.

Achievements

Competitions:

- Second place of the University of Calgary (UofC) teams for the Alberta Collegiate Programming Contest (ACPC) 2016, seventh place overall, on a team of three.
- Third place in the 2016 hackathon at UofC, on a team of four.
- Winner of Division II for the Calgary Collegiate Programming Contest (CCPC) 2015, on a team of three.
- Participated in many other competitions including USACO, Pason Coding Contests, ACPC 2015, and CCPC 2016 among others.

Academic:

- On the UofC Faculty of Science Dean's List 2014-2015 and 2015-2016.
- Received a University of Calgary Undergraduate Merit Award, 2016.

Extracurricular Activities

Competitive Programming: Whenever I get the opportunity I enjoy challenging myself with programming competitions. I have listed some of my accomplishments for these competitions above.

Hiking: Getting out into the great outdoors is one of my favourite past-times. From simple walks to reaching the tops of mountains, I love hiking.

References

Available upon request.