CHRISTIAN LESSARD

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EXPERIENCE

Red Hat Canada, Toronto — *Software Engineering Intern*

May 2017 - August 2018 | Typescript, Golang, Jasmine, Java, Angular, Docker, Kubernetes

- ➔ Made 38 open source contributions to Openshift.io, half of which solved issues that were either unsolved or undocumented for upwards of a year. Made 18 contributions to Thermostat, helping convert it from a desktop application to a distributed one.
- ➔ Independently implemented the new front end of a user settings page, that every openshift.io user interacts with. Managed its seamless integration with other new features in time for a project presentation at Red Hat Summit.
- ➔ Found, documented and fixed bugs which had passed automated test pipelines and peer review, preventing an undesirable user experience.
- ➔ In the cases of both Openshift.io and Thermostat, quickly acquired new and unfamiliar technological skills and integrated within a new team structure fast enough contribute within the first week of the projects.

University of Toronto — *Teaching Assistant, Department of Computer Science Help Center*

September 2016 - April 2017, September 2018 - Present | Python, Java, C, Bash, SVN, Git, SQL

- ➔ Independently developed authentic problem solving strategies for students, leading to their better understanding of the technical problems critical to their success. Delivered these strategies such that they could apply them to later coursework across programming and theory courses in general.
- ➔ Dynamically re-evaluated teaching approach whenever necessary to ensure that no student ever left the help center without the answers they came looking for.
- ➔ Demonstrated dedication to the Department of Computer Science's community by reaching out to professors, on personal time, to better their understanding of students' struggles. This feedback was used to adjust course content accordingly.

National Research Council, Ottawa — *Software Developer*

May 2016 - August 2016 | Python, Jupyter Notebooks, Numpy, Panda

- ➔ Independently interpreted and satisfied a data scientist's abstract feature requests through the design of a new data processing application, making data manipulation and preprocessing possible where it had not been prior.
- ➔ Designed the application to parse and process data, on the order of petabytes, with a focus on speed so that preprocessing could complete and analysis could occur as quickly as possible.
- ➔ Augmented the application with features to process the data in preparation for Machine Learning techniques.

EDUCATION

University of Toronto — *Honours BSc., Specialist of Computer Science*

September 2014 - April 2019 (Expected)

Cumulative GPA of 3.7. Focus in Computer Systems with advanced studies on Operating Systems, Networks, Compilers and Algorithms.

LANGUAGES

Python, Javascript, Typescript, C, SQL, Golang, Java, Ruby

SOFTWARE TOOLS, FRAMEWORKS AND CONCEPTS

Git, Github, Mercurial, Docker, Linux (Arch and Fedora), HTML/CSS, Angular, Bootstrap. Node.js, OOP, Agile, TDD

AWARDS

- ➔ University of Toronto Dean's List for the years spanning 2014-2017
- ➔ Victoria College's Ms. FNG Starr Scholarship for academic excellence within the University of Toronto

OTHER SKILLS

Native languages: English, French

References available upon request.