

# George Lifchits

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🌐 [georgelifchits.ca](http://georgelifchits.ca)

🐙 [github.com/glifchits](https://github.com/glifchits)

## Education

**Toronto**  
Sep 2018 –  
present

**University of Toronto**, Department of Computer Science

**Master of Science (MSc)**

Supervisor: Dr. Ashton Anderson

*Teaching assistance:* Social and Information Networks (CSCC46: fall 2018, fall 2019), Programming on the Web (CSC309: winter 2019), Introduction to Databases (CSC343: summer 2019)

**Waterloo**  
2010 – 2016

**Wilfrid Laurier University**, Business & Computer Science, double degree

**Honours Bachelor of Science in Computer Science (BSc)**

Directed Research Project: *A Quantum Computing Algorithm for a Combinatorial Search Problem*  
Supervised by Dr. Shohini Ghose & Dr. Ilias Kotsireas

*Instructional assistance:* Introduction to Programming (CP104, from 2012-2014)

*Other activities:* Web coordinator for [2015 AMMCS-CAIMS conference](#), [MS2Discovery Research Institute](#)

**Honours Bachelor of Business Administration (BBA)**

*Other activities:* Wilfrid Laurier University Debating Society

## Professional Experience

**Kitchener**  
May 2016 –  
May 2018

**PiinPoint**, Full Stack Developer

Managed two co-op students: conducted technical on-boarding, prioritized work items, provided mentoring.

Built and deployed Dockerized web application on Google Container Engine (managed Kubernetes).

Django/Python backend with PostgreSQL database and a React/Redux frontend.

Deploying and managing a farm of hundreds of virtual machines performing large-scale data collection.

Performing PostgreSQL optimization to efficiently query terabyte-sized tables.

Participated in sales calls, and user onboarding calls with prospective and current customers.

Collaborated on product design and release planning with product manager.

Developed new features for a web application using a Python backend and React.js frontend.

**Kitchener, Seattle**  
May 2014 –  
Feb 2016

**Beagle.ai**, Front End Developer, co-founder

Beagle uses natural language processing to help businesses understand contracts faster. It was the first Canadian company to participate in the *Seattle Microsoft Ventures Accelerator*.

Built an initial prototype, which evolved into an Angular.js/Django application. Refactored frontend to use React.js for significant engineering productivity gain.

Collaborated with an international, remote development team to design and build new features.

**Toronto**  
Fall 2014

**Ontario Teachers' Pension Plan**, Programmer Analyst (Solution Engineering) (co-op)

Sole maintainer and developer for two internal web applications using PHP, React.js, Oracle, MySQL.

**Toronto**  
Spring 2014

**Myplanet**, Fellowship Program

Learned and applied principles of user research, product management, and web development.

Discovered a business problem for a local coffee shop and built a web application to solve it.

**Waterloo**  
Fall 2013

**Axonify**, Quality Assurance Engineer (co-op)

Performed manual acceptance testing, regression testing, and designing test plans.

Built prototype to perform automated Selenium testing that integrated with Jenkins build process.

**Waterloo**  
Summer 2012

**Validus Research**, Catastrophe Risk Analyst & Application Developer (co-op)

Designed and developed a RESTful API with Python backend that processed large SQL datasets.

Developed a browser front-end using jQuery, and several command line tools in Python.

*Last updated: September 2019*