George Lifchits

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Education

Toronto
Sep 2018 – present

University of Toronto, Department of Computer Science
Master of Science (MSc)

Supervisor: Dr. Ashton Anderson

Teaching assistance: Programming on the Web (CSC309H, winter 2019)
Grading: Social and Information Networks (CSCC46, fall 2018)

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: January 2019