

EMPLOYMENT

Software Engineering Intern	Yelp Inc	Aug 2016-Present
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Ad Backend Team

- Migrated Ad leads data from MySQL to Cassandra by creating and backfilling Cassandra tables, implementing new API endpoints, and updating users of Ad leads data to use the new leads API
- Currently working on creating an Ad Campaign service and migrating callers from Yelp's main code base, doing this will result in reduced code complexity, cleaner code, and easier development going forward
- Technologies Used: Python, MySQL, SQLAlchemy, Cassandra

Software Developer	XE.com Inc	Jan-May 2016
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- Redesigned and implemented XE's newsletter email service to use Mailchimp
- Created an API client and implemented new features for XE's RESTful currency API.
- Maintained and developed features for the XE.com website, used by millions of users worldwide
- Designed and developed test automation framework for XE.com's currency converter using Selenium
- Technologies used: LAMP stack, ReactJS, jQuery, J2EE, Spring, Redis, MySQL, AWS SNS/SQS, Python, Tomcat

Software Development Intern	NCR Canada Ltd	Jan-Apr 2015
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- Developed features for two factor SSO user authentication system for NCR's remote capture software
- Identified and resolved performance bottlenecks by analyzing database queries and improving code base
- Provided performance analysis and troubleshooting consultation to bank clients
- Technologies used: J2EE, Spring, Maven, IBM Websphere, Oracle DB, MSSQL, Tomcat, Jetty, jMeter, SOAP

Technical Student	Toronto Hydro	May-Aug 2014
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- Created VBA scripts to automate data analysis and report generation, saving hours of manual work per day
- Aided in Toronto Hydro's 2015 utility rates filing

EDUCATION

Waterloo, ON	University of Waterloo/Wilfrid Laurier	Sep 2013-Present
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- Candidate for Bachelor of Computer Science/Business Administration double degree

TECHNICAL EXPERIENCE

Projects

- **BonusStudyChecker:** Created a Java Spring program to notify students whenever a new extra credit study becomes available by scraping the bonus studies site.
- **Chamber Crawler 3000:** Rogue-like dungeon crawler game implemented in C++
- **Sunshine:** Android weather app created for Udacity's Android Development course
- **FunTimes:** Text-based fighting game created using Java and Swing
- **TicTacToe:** Tic Tac Toe client and server that allows multiplayer over LAN network using TCP/IP

ADDITIONAL EXPERIENCE AND AWARDS

- **Grade 11 Computer Science Award:** Awarded for achieving the highest grade in the class
- **Term Dean's Honours List:** Awarded for achieving an average over 87% during academic terms

LANGUAGES AND TECHNOLOGIES

- **Languages:** Python, Java, PHP, C, C++, Javascript, HTML, CSS, Swift, VBA
- **Technologies:** Spring, Hibernate, SQLAlchemy, ReactJS, jQuery, IBM Websphere, Tomcat, AWS SNS/SQS, Redis
- **Databases:** MySQL, Cassandra, Oracle, SQLite
- **Tools:** Eclipse, IntelliJ, Android Studio, xCode, Sublime, Git, Bash, jMeter, Ant, Maven, PyCharm