

EXPERIENCE

Cognos Technical Analyst

IBM

May 2017 – August 2017

- Joined the IBM Analytics team to troubleshoot various issues relating to IBM Cognos Enterprise BI Software; including: Software Architecture, IIS/Apache Webserver, Oracle/SQL server Databases, ODBC/JDBC Connections, Single-Sign On, Security Vulnerabilities, Distributed Environments, Performance issues, SQL Query Generation.
- Provided support to IBM Cognos Analytics' Fortune 500 customers and received consistent positive feedback to contribute to the rise of IBM Analytics' Net Promoter Score.

Co-Chair/Director of Technology

FuturFund

July 2016 – Present

- Managed day-to-day administrative activities to support FuturFund's goals of making financial literacy accessible and sexy and directly contributed to the financial literacy education for a few thousand youth across Canada.
- Designed and developed the organization's website using WordPress along with injected HTML, JavaScript, CSS, PHP.
- Optimized FuturFund's Website for Search Engines; led to over 3000 unique website visitors.

Database Administration Specialist

Access Healthcare Services Inc.

July 2016 – August 2016

- Managed a healthcare clinic's database on Microsoft SQL Server using database configurations and SQL queries to locate clients and staff members' specific personal information.
- Oversaw strict and safe procedures to ensure secure database server migration and backup of over 8000 clients' sensitive information and 2TB of data.

EDUCATION

London, ON

University of Western Ontario

September 2016 – Present

- Bachelor of Science, Honors Computer Science. Intent to do a dual degree in Honors Business Administration (HBA) at the Richard Ivey Business School. Expected Graduation: April 2021.
- Relevant Courses: Algorithms and Data Structures, Information Systems & Design, Discrete Structures for Computing.
- Other Courses: Stanford Machine Learning (Online), BIWS Excel & Advanced Financial Modelling Certification.

PROJECTS AND LEADERSHIP EXPERIENCE

Hack Western 4

London, ON

November 2017

- Used Swift, AWS, Facebook API, and ARKit SDK to develop shARe, an iOS social media app that allows users to post messages in AR around their physical location: enabling social communication to revolve around real-life landmarks.
- Won Best Use of AWS for using DynamoDB to store user IDs, geolocations, and 3D vector data of posted messages.

MIT Blueprint Hackathon

Cambridge, MA

February 2016

- Used HTML, CSS, and JavaScript to develop and design GoSomewhere's front-end, a website and app dedicated to help homeless people find nearby help, food, and shelter.

InfiniTea - Junior Achievement

Ottawa, ON

September 2015 – January 2016

- Elected President of InfiniTea, a student-ran entrepreneurship; developed a website to incite online marketing.
- Delegated tasks to VPs and employees as to manage worker, supplier, and customer relationships to ultimately achieve over \$1000 in income and a 200% ROI to investing shareholders.

Multi-Photo Editor Extension

Ottawa, ON

February 2014 – August 2015

- Lead a team of two developers to design, develop, and implement a Photoshop extension software for Topshelf Sports Photography, a sports card design business.
- Utilized HTML5 for front-end service and ExtendScript for functionality building to create a Photoshop extension that simplifies the batch editing, import, and export of multiple pictures simultaneously upon a specified template.

AWARDS

- Fiat Chrysler Automobiles (FCA) Student Achievement Award Recipient:** \$5,000 Scholarship. July 2017
- DALF C1 Certification:** Certified mastery in French by the French National Ministry of Education. August 2016
- National AP Scholar:** Average score of 4 on 5 or more AP Exams taken. July 2016
- Silver Medal, Western Scholarship of Excellence:** Maintenance of a 90%+ average in high school. 2014-2016
- Hypatia/Galois School Champion:** First place in high school in listed Waterloo Math Contests. 2013-2014

LANGUAGES AND TECHNICAL SKILLS

- Fluent mastery of **English, Mandarin, and French.**
- Proficient in **Java, Python, HTML, Git, Web/Software Dev., Optimized Design & Implementation of Algorithms and Data Structures, ML Algorithms**(Linear/Logistic Regression, SVM, K-means), **C/C++, CSS, SQL, XML(XSD).**
- Experienced with **JavaScript**(Node.js), **GNU Octave, PBASIC, UNIX**(Command Line), **Swift**(iOS Dev. with XCode).
- Familiar with **DBMS**(DB2, MS SQL Server, Oracle, MySQL), **JSON, Amazon Web Services, IIS, MS Office Suite, Eclipse.**