

Skills

Programming: Python, Java, JavaScript, Swift, C, C++, C#, Haskell, Scheme
Database: SQL, XQuery/XPath
Software Methodologies: Agile (Scrum), SDLC, Black/White box Testing, Test Driven Development
Additional: Git, SVN, HP ALM, HP UFT, LaTeX, Music Creation

Experience

Digital Quality Engineer

May 2017 – August 2017

Royal Bank of Canada

- Within one month, optimized the online application by minimizing the fields that are required to complete the application and enhanced compatibilities with mobile devices on IOS and Android.
- Sped up the production release by a week for online account open application for mobile testing. As a result, it reduced unnecessary time allocation and increased tasks competition.

Teaching Assistant

September 2016 – April 2017

University of Toronto

- Acquired Professor's endorsement to become a TA through displaying great teaching skills and understanding of course materials.

Technical Quality Assurance Analyst Co-op

April – August 2016

Royal Bank of Canada

- Became the meeting leader for the Change Advisory Board by showing great understanding in the daily software changes of the Technology & Operations department.
- Reduced the number of HP ALM ticket requests and service delay by over 80% through direct communication with clients.
- Gathered over 50 members across different teams to join our team website within the first week as a result of redesigning the website, and creating innovative activities during the Data Masking Booth Event.

Developer/Testing Analyst Co-op

January – August 2015

Ontario Teachers' Pension Plan Board

- Designed and developed a C# comparison tool to secure data integration from enterprise database to enterprise data warehouse. As a result of my outstanding performance, managers from Service Delivery team, and RSR Quality Assurance team asked me to assist them as well.

Projects

Exoplanet Database System

September 2016

- Presented and approved by the Astrophysics Professor, a python application to automatically update an existing exoplanet database managed by the professor. This team project practiced Agile (Scrum) methodology. Major Features included command line control, and data comparison from NASA and the Extrasolar Planets Encyclopaedia.

Artificial Intelligence Test

December 2015

- Automated game character movements and responses with AngelScript, and created my own version of an existing game (LF2). Characters are able to respond based on other players or AI.

Extracurricular

ADaPT(Advanced Digital and Professional Training) Program

June – July 2016

Ryerson University collaboration with RBC

- Acquired a certificate in areas such as Microsoft applications, professional business documentation, financial and accounting, Adobe digital art, and web design.

Mentor in UTSC Co-op and First Year Experience Program

September 2016 – April 2017

University of Toronto

- Endorsed to speak as a senior co-op panelist at the Navigating the World of Work Conference UTSC by the engagement coordinator through my outstanding performance in of all my co-op work terms.
- Received university co-curricular record for guiding and role modeling as a mentor in Department of Student Life Association and Co-op Student Association

IBM Master the Mainframe Contest

October 2013 – 2016

International Business Machine

- Received recognition in the Wall of Fame on IBM Master the Mainframe website for being one of the 254 winners to complete the second round of the competition.

Edu

Candidate for Honours Bachelor of Science

2013 – Present

University of Toronto

Specialist in Computer Software Engineering 4th year Co-op Program