

MATTHEW WARREN

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m-warren.github.io

COMPUTER SKILLS

- Languages: Java, SQL, Python, HTML, JavaScript, Visual Basic, Assembly, C
- Frameworks: Angular, jQuery, Ionic
- Software: Microsoft Excel, Eclipse, Adobe Photoshop, PLSQL Developer, Bloomberg

EXPERIENCE

CPPIB – External Portfolio Management – Co-op

Toronto, ON | Sept-Dec 2016

- To reduce operating expenses, analyzed data discrepancies between Bloomberg and Capital IQ across quantitative funds and advised manager that Capital IQ is valid substitute
- Developed user-friendly macros for colleagues to automate data entry from hedge funds' financial reports
- Prepared 25-page weekly report regarding investment performance across all global portfolio managers which was used as basis for weekly meetings

RBC – Technical Systems Analyst – Co-op

Toronto, ON | Sept-Dec 2015

- Developed and presented mobile proof-of-concept for learning management system to promote skill building for employees away from the office
- Conducted root cause analysis on errors in SuccessFactors TalentLink affecting thousands of users and communicated with clients to resolve issues
- Designed intranet sites to promote team-building, host documents, and track incident tickets

Ontario Teachers' Pension Plan – Data/Business Analyst – Co-op

Toronto, ON | Jan-Apr 2015

- Under strict deadlines, generated SQL queries to return entity information for over 20,000 products, then wrote an ad hoc macro for verification
- Programmed Excel macros to adjust attributes of hundreds of SharePoint files
- Collaborated with team members to prepare a report on products that used outdated risk logic

Invesco – QA Specialist – Co-op, Summer Student

Toronto, ON | May-Aug 2014, Jul-Aug 2012 & 2013

- Worked closely with developers to successfully migrate database to an updated schema in preparation for new company website and wrote verification macros to ensure all data reflected correct values
- Coordinated quality assurance process to prepare for launch of over 70 funds on company website
- Using Excel, automated a 3-day manual checking process to take only half a day

EDUCATION

Wilfrid Laurier University

Waterloo, ON | 2012-2017

Honours Computer Science & Business Administration (BSc/BBA) Program with an Option in Finance, Co-op

- Overall GPA of 9.3 out of 12

St. Robert Catholic High School

Thornhill, ON | 2008-2012

- Honour roll student with 85% cumulative average

ACTIVITIES AND ACHIEVEMENTS

Wilfrid Laurier University

Waterloo, ON | 2012-2017

- Placed 2nd in the BDO New Venture Competition for presenting a business plan and strategy for *Intelife*
- Shinerama – collected donations for cystic fibrosis research

St. Robert Catholic High School

Thornhill, ON | 2008-2012

- Member of FIRST Robotics Team 4001
 - Constructed robot to collect and pass basketballs to other robots on team
 - 1st place at GTA-West Regional Competition
- President of Japanese Arts Club
- Thinkfast – 8-hour fast to raise awareness for countries lacking fresh water
- Night Flyers Ski Club
- Thornhill Community Hockey League

PERSONAL INTERESTS

- Regular participant in United Way CN Tower Climb
- Languages – Self-studying Japanese for over 4 years
- Art and Graphic Design - Illustrated colleague's self-published novel for his children titled *The Oak & the Maple – an Icestorm Story*
- Video games – Avid fan of creative, open-ended games including *Factorio* and *Besiege*
- Board games – Frequently play cooperative games including *Pandemic* and *Mage Knight*