

ATHER QURESHI

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SKILLS & EDUCATION

- Proficient in high-level programming (**Java, Python, C++, Ruby...**)
- Proficient in Business Intelligence Tools such as **SAS, Tableau**, and **SQL** as well as **ETL** practices.
- Proficient with **agile** and **version source control** tools such as **Git, Github, Bitbucket**, and **Jira**.
- Proficient with **HTML5, JavaScript (D3.js, JQuery)** and **CSS** (Web Development)
- Familiar with **C, assembly languages** (ARM), shell scripting, **Unix**
- Familiar with most tools of the Adobe Suite and Microsoft Office (Excel, Photoshop, Word, Publisher, Access...)

09.2014-08.2017 UNDERGRAD - UNIVERSITY OF WESTERN ONTARIO
Honors Bachelor of Science

- **Honors Specialization in Computer Science** with Minor in Psychology
- Recipient of Western Scholarship of Distinction
- 85%+ average in all Computer Science Courses taken
- Graduated on Dean's List

PROJECTS – VIEW ON GITHUB

4490Z UNDERGRAD THESIS – MACHINE LEARNING

Western University – Supervisor Kamran Sedig

- Independently created **Decision Visualizer**, an interactive web browser based tool to generate and visualize classification decision trees
- Used the **D3.js javascript** library, and the **Sci-Kit Learn, Numpy, Pandas, BeautifulSoup** libraries in **Python**.

DESKTOP APPLICATION

FitBit Data Analyzer

- Created dashboard in **Java**, to showcase statistics from a user's fitbit **database**.
- Worked in coordination with a team of 4 using **Bitbucket** for repo storage, **Git** for version control, and **JIRA** for task scheduling

DATA STRUCTURE APPLICATIONS

Algorithm implementations in Java

- Implemented data structures such as **Trees, Hashtables**, and **Graphs**
- Used this in applications such as file compressing/game-collision handling/path-finding
- Can be found in GitHub folder under Applications

SAMPLE HOSPITAL DATABASE

Sql and Oracle databases

- Created a sample database for an artificial hospital using **Oracle Databases** and **SQLdeveloper**
- Created front-end form using **Java Swing**

WORK HISTORY

09.2017–PRESENT BELL CANADA
Full-Time Business Intelligence Consultant

- Under the Graduate Leadership Program, working with technologies such as **SAS, Teradata**, and **SQL** to bring business intelligence solutions to internal clients (**ETLs, Data Analysis, Presentation Decks...**)
- Completed consulting projects for Virgin Mobile Call Center, and Bell Corporate Retail stores

CERTIFICATIONS

11. 2017 **DAT205X: INTRODUCTION TO DATA ANALYSIS USING EXCEL**
EDX – Microsoft Corporation
- Create flexible data aggregations using pivot tables
 - Represent data visually using pivot charts
 - Calculate margins and other common ratios using calculation on pivot table
 - Filter data using slicers in multiple pivot tables
 - Create aggregate reports using formula based techniques
12. 2017 **DAT203.1X: DATA SCIENCE ESSENTIALS**
EDX – Microsoft Corporation
- Hands on experience using **Python**, **SQL**, and **Microsoft Azure** to create machine learning models
 - Probability and statistics in data science
 - Data exploration and visualization
 - Data ingestion, cleaning and transformation
 - Using python libraries such as **Numpy**, **Pandas**, **Matplotlib**, and **Seaborn**
05. 2018 **INTRODUCTION TO TERADATA DATABASE / ADVANCED SQL**
Teradata
- Thorough overview of the hardware and software powering a Teradata database.
 - Advanced SQL such as OLAP, optimizations, and recursion.

EXTRACURRICULAR

10. 2016 **HACK WESTERN 3**
PARTICIPANT
- Selected to compete in the annual Western hackathon
2. 2016 **INDUSTRY PROBLEM SOLVING WEEK**
ATTENDANT
- Worked with an interdisciplinary team to provide solutions for a real-life industry problem.
 - During three workdays, provided solutions and a presentation for Taveras Group Consulting's Sustainability toolkit software.
- 09.2014–04.2016 **PAKISTANI STUDENTS ASSOCIATION**
PRESIDENT
- Managed 70+ members, over 8 large events, with a budget of 3k per year.
 - Worked effectively and delegated tasks with a large executive team.
11. 2015 **WORLD'S CHALLENGE CHALLENGE UWO**
FINALIST
- Finalists of presentations for World's challenge challenge.
 - Our presentation was called "*Empowerment of Women in rural communities through skill development and employment generation*"
 - Created a feasible and efficient system to tackle femininity issues in Pakistan, focusing on supporting young female entrepreneurs.

Note: References can be given on request. Full List of extracurriculars can be found on my LinkedIn Profile.