

ATHER QURESHI

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SKILLS & EDUCATION

- Proficient in high-level programming (Java, JavaScript, Python, C++, Ruby...)
- Proficient in Business Intelligence Tools such as SAS, Tableau, and SQL.
- Proficient with C, assembly languages (ARM), shell scripting, functional programming (Haskell), Unix
- Familiar with HTML5, and CSS (Web Development)
- 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.
- Completed rotations in 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.**

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.