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-PRESENT   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
- Independetly created **Decision Visualizer**, an interactive tool to generate decision trees given an input dataset that has feature-value pairs and descrete classes for each member.
- Used the **D3.js javascript** library, and the **Sci-Kit Learn, Numpy, Pandas, BeautfiulSoup** libraries in **Python**.

DESKTOP APPLICATION
FitBit Data Analyzer
- Created dashboard in **Java**, to showcase statistics from a user's fitibit **database**.
- Worked in cordination 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-collsion 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 – **   BELL CANADA
Full-Time Business Intelligence Consultant

- Under the Graduate Leadership Program, working with technologies such as SAS, Teradata, and SQL to bring solutions to internal clients.
- Completed rotations in Virgin Mobile Call Center, and Bell Corporate Retail stores
- Completed SAS Programming 1 and 2

CERTIFCATIONS

11. 2017   **INTRODUCTION TO DATA ANALYSIS USING EXCEL**
EDX – Microsoft Corporation

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.