ATHER QURESHI

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**LinkedIn:** linkedin.com/in/atherqureshi

**GitHub**: github.com/atherqureshi

**Soundcloud:** soundcloud.com/twaxter

Website: atherqureshi.github.io

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), shellscripting, **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**

* Independetly 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, 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–PRESENT** BELL CANADA

Full-Time **Business Intelligence Consultant**

* Under the Graduate Leadership Program, working with technologies such as **SAS**, **Teradata**, and **SQL** to bring businesss 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.