

# ATHER QURESHI

**LinkedIn:** linkedin.com/in/atherqureshi  
**GitHub:** github.com/atherqureshi  
**Soundcloud:** soundcloud.com/twaxter  
**Website:** atherqureshi.github.io

163 Rising Hill Ridge  
Brampton ON L6Y6B2  
647 383 7332  
atherqureshi07@gmail.com

## 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**.

## 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.