Sheikh Abdur Raheem Ali

http://abdur-raheem.com

Email : ali@abdur-raheem.com

Mobile : +971-55-439-1695

EDUCATION

- **American University of Sharjah** — Sharjah, UAE
  Bachelor of Science in Computer Science; GPA: 3.28 — *Sep. 2017 – Dec. 2020*
    - ○ **Minor in Data Science**
    - ○ **Minor in Applied and Computational Mathematics**

PROGRAMMING SKILLS

- **Languages**: Python, C++, SQL, Java, Javascript, Matlab **Technologies**: Linux, Git, SciPy, PyTorch, LaTeX

EXPERIENCE

- **SWVL** — Swvl Headquarters, Dubai, UAE
  Cloud Engineering Intern (Strategic Finance) — *Feb 2020 - Apr 2020*
    - ○ Optimized a rideshare app startup's financial analytics using AWS EC2 and Google Cloud BigQuery ML.

- **Dubai Electronic Security Center** — Cyber Intelligence Lab, University of Dubai, Dubai, UAE
  Data Science Intern — *Dec 2019 - Jan 2020*
    - ○ Worked on classified internal machine learning tools and datasets at a government funded research lab.

- **American University of Sharjah** — Academic City, Sharjah, UAE
  Research and Teaching Assistant — *Sep 2019 - Present*
    - ○ **Research Assistant - Machine Learning**: Worked at the Department of Mathematics and Statistics to implement Sobol indices with independent or dependent inputs and analyze results for feature selection.
    - ○ **Teaching Assistant - Statistics for Data Science**: Involved in creating handouts, grading exams and conducting python tutorial sessions for third and fourth year students. Held office hours by appointment.

- **in5 Innovation Center** — Dubai Internet City, Dubai, UAE
  Software Engineering Intern — *Jul. 2018 – Aug. 2018*
    - ○ Lead an AI startup's efforts to upgrade their hospitality chatbot from an RDBMS to a graph database.

- **Solutions Middle East** — Sheikh Zayed Road, Dubai, UAE
  Technology Sales Intern — *Jul. 2016 – Aug. 2016*
    - ○ Underwent training in tech products (incl. Citrix, VMWare, Nutanix) at an enterprise system integrator.

AWARDS

- **2nd place (USD 35,000) @ HITB+ CyberWeek AI Challenge**: Captain of a team including students from Harvard and UToronto that used genetic algorithms to modify existing malware to defeat virus detection agents.
- **1st nationally, 3rd internationally @ 2019 Omnicom Media Group Data Science Competition**: Presented a real life analytics problem (click fraud), our solution, & interpretation of results to CEOs & Department Heads.
- **1st prize @ HSBC Programming Challenge 2019**: Modeled credit risk using machine learning techniques.
- **Full Scholarship @ European Summer Program on Rationality**: Invited to the UK to attend seminars on topics related to applied mathematics, AI safety, and cognitive science. Taught by ex-Google employees and MIT graduates.
- **World Topper @ ACER IBT** : Perfect score. Received award for excellence, letter of honor, trophy, and cash prize.

PROJECTS

- **PACE Bed Management System**: Sponsored by the Ministry of Health & Prevention to lead a team to create an interactive dashboard to visualize and predict trends using live patient data collected from 1849 beds at 17 hospitals.
- **Queue'r**: Used Node and Express to create a smart queue management and ticketing solution. Shortlisted for the Show & Tech 2019 exhibition. To be sold to the Cashier department of the American University of Sharjah.

ACTIVITIES

- **Invited Speaker @ IEEE UAE Cyber Intelligence Summit 2019**: Conference talk on AI and cybersecurity.
- **Contributor @ Mathematics of Machine Learning**: Acknowledged on page 5 for finding bugs in the textbook.