

Sheikh Abdur Raheem Ali
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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, L^AT_EX

EXPERIENCE

- Microsoft US** Microsoft Redmond Campus, WA, USA
Former Incoming Software Engineering Intern Jun 2020 – Aug 2020
 - I was going to be at Microsoft's Headquarters, but international offers were cancelled due to COVID-19.
- 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 – Dec 2019
 - 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.

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.