

Mohammed Asir Shahid

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(516)-514-5047

EDUCATION

- **Stony Brook University** Stony Brook, New York
BS, Mathematics & Applied Mathematics and Statistics *Aug. 2017 – Aug. 2020*
 - **GPA:** 3.80/4.00
 - **Dean's List:** Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020
 - **Recipient of a Presidential Scholarship (Full Tuition).**
 - **Relevant Coursework:** Data Analysis (Using R and Python), Statistical Laboratory (Using R and SAS), Computer Science Principles (Using Python), Introduction to Object Oriented Programming (Using Java).

PROJECTS

- **Crypto Trading Bot:** Created a profitable crypto currency trading bot in Python using Coinbase's API. Working on further improving the bot using Machine Learning.
- **Homelab:** Home Server running several Virtual Machines with different services.
Set up a server to run Nextcloud, Plex, VNC, and Nginx in order to create a web server and a media server.
- **Data Analysis Project:** Analyzed real world data with multiple predictors to find the best fitting model.
Created a professional report in LaTeX explaining the findings of my analysis.

CERTIFICATES

- **MITx MicroMasters** *May 2021 - Present*
Statistics and Data Science (General Track)
 - Graduate courses on Probability, Statistics, Data Analysis, and Machine Learning with Python.
- **Dataquest** *December 2020 - Present*
Data Scientist in Python
 - Courses teaching Data Science and Visualization, SQL, Statistics, Machine Learning Models.
- **Red Hat, Inc.** *October 2021 (Expected)*
Red Hat Certified System Administrator

EXPERIENCE

- **Stony Brook University Applied Mathematics Department** Stony Brook, New York
Teaching Assistant *Aug. 2018 - December 2019*
 - Teaching Assistant for Linear Algebra and Statistical Laboratory (Using R and SAS).
 - Grading assignments and providing feedback to hundreds of students on tight deadlines as well as providing personal feedback regarding how they can improve.
 - Demonstrating interpersonal skills by communicating effectively with my faculty adviser and my students.
 - Holding office hours in order to host review sessions and instruct students with questions they have regarding the assignments and exams.
- **Private Tutor** Stony Brook, New York
Tutor *Aug. 2017 - Present*
 - Teaching college level Computer Science and Mathematics (Statistics, Linear Algebra, Calculus, and Real Analysis) to fellow university students.
 - Teaching Mathematics, Sciences, and Programming to students from Elementary School to High School.

SKILLS

- **Environment:** Experience with Red Hat Enterprise Linux, Ubuntu, Debian, CentOS, OpenSUSE Leap, Gentoo Linux, NixOS, and Windows Server.
- **Software Skills:** Proficiency with Linux, System Administration, AWS, Azure, Google Cloud Platform, Docker, SQL Server, Shell Scripting, Virtualization, Microsoft Office Suite, and LaTeX.
- **Programming Languages:** Proficiency with R, Python, Octave, Bash, SQL, Java, C, C++, Lua.