

# Mohammed Asir Shahid

Selden, New York

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(516)-514-5047

## EDUCATION

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- **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)

## EXPERIENCE

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- **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.

## PROJECTS

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- **Trading Bot:** Created a profitable cryptocurrency trading bot in Python using Coinbase's API. Currently 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, Sonarr, Radarr, Lidarr, VNC, and Nginx in order to create a web server and a media server.
- **Data Analysis Project:** Analyzed large amounts of real world data with multiple predictors to find the best fitting model. Created a professional report in LaTeX explaining the findings of my analysis.

## SKILLS

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- **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, and SQL.
- **Typing Speed:** 90 WPM.

## CERTIFICATES

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- **Red Hat, Inc.** New York, New York  
*Red Hat Certified System Administrator* *April 2021 (Expected)*