Asir Shahid

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(516)-514-5047

EXPERIENCE

- **Zebra Technologies** — Holtsville, New York
  Automation Engineer — *November 2021 - Present*
  - Used Python and Pandas to analyze and visualize large amounts of data.
  - Used Selenium to automate and streamline several tasks and processes.

- **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

- **Baseball Stats Dashboard:** Created a web app using Streamlit in Python to visualize Baseball data
- **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:** Set up a home server to run Nextcloud, Plex, and Nginx in order to create a web and media server.

CERTIFICATES

- **MITx MicroMasters**
  Statistics and Data Science (General Track) — *May 2021 - Present*
  - Graduate courses on Probability, Statistics, Data Analysis, and Machine Learning with Python.

- **Dataquest**
  Data Scientist in Python — *December 2020 - Present*
  - Courses teaching Data Science and Visualization, SQL, Statistics, Machine Learning Models.

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.

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).