

Usama Sajid

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Education

Rutgers university, New Brunswick, NJ

Bachelors of Science in Computer Science

Minor in Information Technology and Informatics

May 2019

GPA: 3.2

Summary

An entrepreneurial minded Computer Science Trainee with a passion for Software Development, Machine Learning, and Robotics. Experienced programmer who has done multiple independent projects. Possess years of teaching experience at a private high school and tutoring college students.

Skills and Languages

Technical Skills and Programing Languages

- Proficient in Java, C/C#/C++, Python
- Proficient in Data Structure Management, algorithm, program efficiency analysis, and optimization
- Proficient in Bot scripting / Automation – Selenium web domain scraping/crawling with Java/python
- Operating Systems - Windows (XP, Vista, 10), Mac OS, Linux, Unix
- Advanced Proficiency in Microsoft office (Word, Excel, PowerPoint), Android studio

Key Skills and Languages

- Critical thinking, detail oriented, project management, fast learner.

Languages

- Fluent in English, Hindi, Urdu and Arabic.

Independent Projects

RuneScape Bot

July 2017

- Scripted a game bot using Java that gathered raw materials required to make items and then sold the items to other gamers.
- The bot created and sold 5000 items per hour.
- Utilized third party API to enhance the bot by 20%.

HackRU

March 2017

- Created algorithm that accessed the cache to gather statistics of cache hit/miss functionality and counted how many times the cache tried to access the main memory using C.

Online/ In person Tutor

January 2015 - Present

- Personally tutored 15 college and high school students in topics such as object-oriented programing, Data Structures, Basic Logical Reasoning, Calculus and Algebra.
- Online Tutored 5 students in python, Objected- oriented programming and real estate market data.

Leadership

Al Noor Academy

September 2013 - Present

Teacher, Event Coordinator

- Taught Theology and Arabic to students in 7th – 10th grade.
- Often acted as interim Principle at the absence of Principle and supervised other teachers.
- Conducted the daily morning assembly for the school for 4 consecutive years.
- Planned and Chaperoned 4 school field trips.