Usama Sajid

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# **Education**

**Rutgers university, New Brunswick, NJ** May 2019

Bachelors of Science in Computer Science GPA: 3.2

Minor in Information Technology and Informatics

# **Skills and Languages**

*Technical Skills and Programing Languages*

* Proficient in Java, C/C#/C++, Python, HTML, CSS
* Proficient in Data Structure Management, algorithm, program efficiency analysis, and optimization
* Proficient in Bot scripting / Automation – Selenium web domain scraping/crawling with Java/python
* Structural Understanding of SQL, MongoDB, SAP/ SAP Hana, Data analysis, Salesforce
* Operating Systems - Windows (XP, Vista, 10), Mac OS, Linux, Unix
* Advanced Proficiency in Microsoft office (Word, Excel, PowerPoint), Android studio, Vim, Git, Eclipse

*Key Skills and Languages*

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

# **Independent Projects**

**Android Chess Game** August 2017

* Implemented two player chess game for Android platform.

**RuneScape Game Engine 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%.

**Cache Simulator**  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.

**Blackjack Game** November 2015

* Windows Blackjack application using Java

# **Leadership**

**AN Noor Academy** September 2013 - Present

*Teacher, Event Coordinator, Vice principal*

* Taught Theology and Arabic to students in 7th – 10th grade.
* Acting Vice Principle of school and supervised other school affairs and teachers.
* Planned and Chaperoned 4 school field trips.