



Usama Sajid



Education

2015-09 - 2019-05 • **Rutgers University – New Brunswick**
B.S. in Computer Science



Experience

2018-06 - 2018-08 • **Cloud Automation Engineer**
Northern Trust ~ Chicago, IL
- Server Security / Automation and Unix Administration
- Managed 8000+ servers (RHEL5+, Solaris, AIX)
- Converted CFEngine to Ansible ~ Ansible / Docker Playbook scripting
- Used JavaScript to write VMware VRealize software

2017-01 - present • **Freelance Software Developer**
Upwork ~ San Francisco, CA
- Developed code in various languages to build projects for clients
- Provided well written and clean code, easily manageable by other freelancers
- Implemented third party APIs to collaborate and deliver projects under harsh deadlines

2014-09 - present • **Islamic Institute, VP and Teacher**
MCMC ~ Piscataway, NJ
- 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.

2016-09 • **Computer Science / Math tutor**
Rutgers University ~ New Brunswick, NJ
Tutored students in basic computer science concepts, data structures, and upper level math courses.



Projects

2018-03 • **Bookstore Web App (Python/Flask/Beautiful Soup/SQL)**
- Bookstore Web Application like Expedia ~ website grabbed books from various websites for easy comparison of books and prices from different Sources.

2017-07 • **RuneScape Game Bot Engine (Java)**
- Game development to allow users to automate in game tasks using Java and third-party APIs ~ Accelerated in game player development by 30%

2017 • **Cache Simulator (Unix Utility/C)**
- Cache Simulator that accessed main memory and cached memory to gather statistics of cache hit/miss functionality to see how cache interacted with memory using C

2017 • **Android Chess Game**
Implemented two player chess on Android platform



Personal Info

Phone
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GitHub
github.com/usamasajid123

LinkedIn
linkedin.com/in/usamasajid



Skills

Java, python, YAML, Ansible
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C, C++, C#, SQL, HTML, CSS
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Linux, Unix
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Hadoop, Git, Spark, Selenium, SAP, Docker
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Relevant Courses

Data Structures and Design

Algorithms

Database and Implementations

Systems Programming

Distributed Systems

Computer Architecture

Internet Technology

Software Methodology and Game Design



Languages

English

Hindi / Urdu

Arabic