

# USAMA SAJID

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## EDUCATION

**B.S. in Computer Science** 09/2015 – 05/2019  
Rutgers University, New Brunswick, United States

## WORK EXPERIENCE

**Software Engineer Intern** 06/2019 – present  
The Climate Cooperation, San Francisco, CA

- Developed Ansible scripts to automate software installations on OSX nodes
- Developed scripts to aid in migration of over 1000 repos for SCM (Bitbucket to Gitlab)
- Set up gitlab-ci files to automate testing and deployments in CI/CD pipeline
- Used Java, Python, and Docker to write scripts and containerize/optimize micro-service architecture in AWS

**Full Stack Software Developer** 09/2018 – 06/2019  
DataNext Solutions, Chicago, IL

- Developed Software in Java, Python, Node.JS, and HTML // CSS
- Deployed and Optimized code using AWS Lambda/ElasticCache
- Maintained application security using MuleSoft and OES

**Freelance Software Developer** 01/2017 – 01/2019  
UpWork, San Francisco - remote

- 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

**Cloud Automation Engineer Intern** 06/2018 – 08/2018  
Northern trust, Chicago, IL, United States

- Server Security / Automation and Unix Administration
- Managed 8000+ servers (RHEL5+, Solaris, AIX)
- Converted CFEngine to Ansible ~ Ansible / DockerPlaybook scripting
- Used JavaScript to write VMware VRealize software

**Computer Science / Math Tutor** 09/2016 – 05/2018  
Rutgers University, New Brunswick, United States

- Tutored students in basic computer science concepts, data structures, and upper level math courses.

## PROJECTS

### Redoop

- Reddit analyzer that takes a photo, and based on number of upvotes, downvotes, reposts, and comments, defines how significant a post is using **Java Map Reduce / Hadoop**

### Book Store Web App

- Bookstore Web Application like Expedia ~ website grabbed books from various websites for easy comparison of books and prices from different sources.
- Made with **Python Flask, BeautifulSoup, and SQL**

### 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%

### 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**.

### Android Chess Game (Java)

- Implemented two player chess on **Android platform**

## SKILLS

### Programming Languages & Technologies

Java • Python • Ansible  
C • HTML • CSS • JS  
\*NIX • OSX • Gitlab • Docker  
AWS • HADOOP • SQL • CI/CD

