

# SALMAN HASHMI

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## EDUCATION

**B.S. in Computer Engineering and Computer Science** 09/2016 – 05/2020

Rutgers University, New Brunswick, United States

**Relevant Coursework:** Design and Analysis of Algorithms, Software Methodology, Databases, Data Structures, Systems Programming, Software Engineering, Complete Python Bootcamp – Udemy, Cloud Engineering with Google Cloud – Coursera

## Work Experience

**Software Engineer Intern** 06/2019 – 08/2019  
Amazon.com Inc., Seattle, WA

- Designed and implemented reminder system that ensures thousands of feature launch statuses are up to date by alerting developers of outdated data on a weekly cadence, saving the Project Management team hours of manual labor per week.
- Reminder system aggregates all outdated data into a single spreadsheet and persists it to **Amazon S3** for consumption by the Project Management team.
- Provided an economic and scalable solution by utilizing **Step Functions, Lambdas** and other **serverless AWS** technologies.
- Presented project design to senior engineers and stakeholders for their sign off on implementation strategy and fulfillment of requirements.

**OIT Network Consultant** 08/2018 - 05/2019  
Rutgers University, Piscataway, NJ

- Worked alongside supervisors and fellow consultants to provide excellent customer service to lab patrons.
- Received training to assist patrons in troubleshooting and configuring devices in accordance with Rutgers University network and usage policies.
- Diagnosed, troubleshooted and resolved variety of network-related issues within a campus wide network consisting of 66,000 students.

**Private Software Dev Mentor** 10/2017 – 05/2019  
Piscataway, NJ

- Conducted one on one tutoring sessions for multiple students in order to increase competency in fundamental software development concepts and succeed in intense computer science courses, resulting in an average increase of one letter grade.

**IT Summer Intern** 06/2018 – 08/2018  
Raritan Inc., Somerset, NJ

- Performed, tested and upgraded over 70% of corporate software and devices to increase work efficiency for all staff.

## SKILLS

|          |        |                |              |         |
|----------|--------|----------------|--------------|---------|
| • Java   | • HTML | • SQL          | • JavaScript | • AWS   |
| • C/C++  | • CSS  | • React        | • Node.js    | • Linux |
| • Python | • PHP  | • React Native | • jQuery     | • GCP   |

## PROJECTS

### Git Source Control Clone

- Replicated Git Version Control System that compares a local commit against a commit on the server and can update the local or remote repository accordingly in **C**.

### Linux Administration

- Configured and manage **Ubuntu** Virtual Private Server (VPS) to host and maintain web applications utilizing various server-side languages.

### Web Development

- Utilized **HTML5, CSS3, JavaScript, jQuery** and **PHP** to develop interactive web-app to showcase portfolio for an architecture professional: [naymahhashmi.com](http://naymahhashmi.com).
- Created responsive wedding RSVP website with login interface using **React, JavaScript, Node.js** and **SQL**: [wedding.hashmi.site](http://wedding.hashmi.site).

### AutoComplete and Spell Check Web Application

- Developed **Java** web application that performs autocomplete and spell-check operations on an input.
- Application updates website dynamically to provide autocomplete suggestions.

### RUDestination

- Developing Android application utilizing Google Maps API in **Java** and **Node.js** to help tens of thousands of students navigate between Rutgers University by providing the most efficient path between buildings.
- Application provides real-time walking directions between buildings and bus stops, determines the best bus to take.
- Plans to produce cross-platform version in Flutter.

## LEADERSHIP EXPERIENCE/VOLUNTEERING

**Regional Coordinator** 12/2017 – 12/2018  
Young Muslims, NJ

- Facilitated the community and leadership development of northern New Jersey through community events, meetings and leadership development workshops.
- Worked closely with struggling chapters to motivate and reinvigorate its leadership.
- Spearheaded discussions amongst leadership regarding community growth, chapter issues and burnout-prevention.

**Volunteer EMT, Sayreville EMS** 08/2015 – 04/2017

- Served community as volunteer EMT after receiving CPR and EMT certifications