

Rageeb Mahtab

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Experience

Amazon Web Services

New York, NY

SOLUTIONS ARCHITECT

Jan. 2020 - Jul. 2020

- Participated in a six-month bootcamp to become an expert in Amazon Web Services, Software Engineering/Architecture best practices, and customer conversations/presentations led by Amazon Web Services Technical Trainers and Senior Solutions Architects
- Worked with a team on building a Hospital patient-management system for Capstone project using React, **AWS Cognito**, **AWS Lambda**, **AWS DynamoDB**, and **Quicksight**
- Built **proof-of-concepts** and **architectures** for domains such as **Internet-Of-Things**, **Machine Learning**, **Big Data**, and **Microservices**

JPMorgan & Chase

New York, NY

SOFTWARE ENGINEER I

Jan. 2020 - Jul. 2020

- Worked in a handpicked team for **Application Modernization** team that deployed two major applications in JPMorgan's Investment Bank to the **Cloud** saving the company an estimated 20% in resources
- Refactored **Unix-hosted server applications** to **Web-based Java Spring Boot REST microservices** in order to be deployed to the Cloud
- Wrote **Python Scripts** to replace all occurrences of jobs relying on legacy applications to new applications hosted on Cloud thereby reducing the downtime and increasing the resiliency

JPMorgan & Chase

New York, NY

SOFTWARE ENGINEER INTERN

Jun. 2019 - Dec. 2019

- Built a frontend with **React** and **Typescript** to present a **GUI** for Traders in the Algo Trading Team that reduced decision time by 40% allowing traders to make more effective and efficient bids
- Worked in a team to build a backend using **Python's Tornado Web framework** that parses PDF files, saves to JPM's relational database and sends responses to the frontend using **RESTful API**
- Wrote code to search, sort, filter, and query old bids to present the closest historical bids in an efficient GUI

Codepath

New York, NY

IOS INSTRUCTOR/TECHNICAL PROGRAM MANAGER

Jan. 2019 - May. 2019

- Taught 40 CUNY students programming in **Swift**, **iOS development**, **Git**, **UI Design**, and **Deployment**
- Built Twitter, Instagram, and Tumblr Clones using **Swift** and taught students how to build them in class
- Organized a hackathon sponsored by Google and J.P.Morgan which was the largest and most successful in Codepath history

Decenture

New York, NY

FULL-STACK DEVELOPER + UI/UX DESIGNER

Jul. 2018 - Jan. 2019

- Created **wire-frames and mock-ups** for the Decenture Web Application
- Designed and built the Decenture Website - decenture.com
- Leveraged PeopleSoft API to build the Decenture application and connect with Blockchain backend
- Partnered with SK Consulting to develop Decenture Mobile Application

Alice

New York, NY

SOFTWARE ENGINEER INTERN

Jun. 2017 - Aug. 2017

- Utilized Slack and Trello API to build a **Slackbot** using **Node.js** which analyzes the progress of the engineering and sales teams
- Deployed the application on **Heroku** with timed daily, weekly, and monthly runs, increasing the company's efficiency
- Acted as the **scrum master** of the team with daily standups and **agile project management**

Certifications

AWS Certified Solutions Architect - Associate (SAA), Issued Nov 6, 2020

Expires Nov 6, 2023

AWS Certified Cloud Practitioner(CLF), Issued Oct 1, 2020

Expires Nov 6, 2023

Projects

Together

IOS APPLICATION

- Won **first place overall at Big Red Hacks(Cornell)** and IBM award for best hack
- Allows non-profit organizations to list items that they need and allows users to take pictures of items that they want to donate, and matches these items
- Utilized **Firebase** to store items and events, **IBM Watson's Image Recognition** to detect the item from the image, and custom algorithm to match items with users

Lawyer Up

WEB APPLICATION

- Won **Best Use of Google Cloud at Dub hacks(University of Washington)** amongst 400+ teams
- Allows users to detect whether they are likely to win their lawsuit based on statistical data and Machine Learning
- Implemented **CAT Boost** model for Data, **DialogFlow and React** for UI, **Firebase** for Storage, and Google's **App Engine** for Deployment

Forecast Fit

IOS APPLICATION

- Won **Best Use of Google Cloud at HackCooper**
- Suggests clothing for the day based on current weather and clothing articles stored in the database
- Frontend build using **Swift**, serverless backend implemented with **Firebase**, recommendation API with **Python, Yahoo Weather API** and deployed with **Google App Engine**

Amazon Smile Clone

WEB APPLICATION

- Created an Amazon Smile Clone with a partner using **PHP, JS, Bootstrap, MySQL, Linux, and Apache(LAMP stack)**
- Implemented insertion, searching, sorting, and filtering of various products
- Built functionality that allows users to pick a charity from the database and automatically donate every purchase

Education

CUNY Bernard M. Baruch College

New York, NY

BACHELOR OF SCIENCE, COMPUTER SCIENCE AND INFORMATION SYSTEMS, GPA: 3.5/4.0, MAJOR GPA: 3.8/4.0

Dec. 2019

- President - Codepath Club, Dean's Scholar (Full-Tuition Merit Scholarship), New York City Tech Talent Pipeline Bootcamp
- Data Structures, Algorithms, Object-Oriented Programming I & II, Data Mining, Machine Learning, Web Development, Mobile Development

Skills

Languages Python, JavaScript, Java, SQL, Bash, HTML, CSS, PHP, C++, C#, Swift, R

Frameworks AWS, Git, React, Express, Serverless, Microservices Architecture, Tornado, Spring, Docker, Kubernetes, MongoDB, Django, Flask, Angular, GCP, Heroku, Watson