

Krushang Shah

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New York, NY

EDUCATION

The City College Of New York, New York, NY

December 2020

Grove School of Engineering

GPA 3.9/4.0

Bachelor of Engineering, Computer Engineering

RELEVANT COURSEWORK

Algorithms

Data Structures

Software Design

Discrete Math Structure

Assembly Programming

Linear Systems

Probability and Statistics

Microprocessor and Interfacing

Linear Algebra

EXPERIENCE

MIAC Analytics, New York, NY | Software Developer Intern

May – Sep 2019

Used: - C++, C#, .NET, SQL, SSMS, Visual Studio Teams, JIRA, GIT

- Implemented features like adding authentication service system, LRU cache cleaning system and regression analysis.
- Successfully completed more than 50 JIRA cases, which included major bug fixes.
- Developed automation tool for one of the modules of the system, that makes reports automatically and sends them to the client.
- Increased the data processing speed by 2x.
- Collaborated on different projects with multiple teams like Data Analytics, Quality and Assurance, Product Development and Secondary Solutions.

Zahn Innovation Center, New York, NY | Software Engineer

Jan – May 2019

Adon | Software Engineer

Mar – May 2019

- Led the design and development of an application that displays a 3D avatar using real time data generated from a Motion Sensing workout wear.
- Implemented other features like body-specific workouts, tips on improving postures and comparative analysis of the workout.

HolesNYC | Software Developer

Jan – Mar 2019

- Designed and programmed an application to alert the driver of an approaching obstacle.
- Developed an algorithm that provides description like its size and distance using Image Recognition.

SKILLS

Programming Languages – C/C++, Java, Python, JavaScript, C#, HTML5, SQL, CSS

Operating Systems – Windows, Mac OS, LINUX, Chrome OS, Android

Tools/Frameworks – AngularJS, ReactJS, JIRA, Git, Bitbucket, Bamboo, NumPY, MongoDB

Others – Android Studio, Visual Studio, IntelliJ IDEA, XCode, LaTeX, Unity

PROJECTS

TravelBud | JavaScript, Python, Android, NodeJS, ReactJS

Jun 2019 - Present

- Designed an application that integrates tourist attraction finding, itinerary planning and Spot parking search to generate a comprehensive travel plan.
- Developed route calculating algorithms to find optimal travel route using data from multiple APIs

EasyDB | Java, JavaFX, SQL

Sep 2019 – Dec 2019

- Designed an application with Java where users may easily update databases using different file formats.
- Programmed a GUI application to create, populate, append and modify the database.
- Built an Interactive UI using JavaFX.

ACTIVITIES

Tau Beta Pi, NY ETA chapter, CCNY

CCNY Robotics Club, CCNY

Zahn Innovation Center, CCNY