

# DELZAD BAMJI

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I'm a Computer Science Graduate Student looking for Software Engineering, Web Development, and Data Engineering roles. I love to explore and learn new software, tools, and frameworks. Looking forward to work with a company that promotes intellectual growth.

## PROJECTS

- Instagram Clone - React.js, JavaScript, Bootstrap, JSX, firebase, Tailwind CSS, RESTful APIs
- Multi-client Interview Portal over web sockets - React.js, styled-components, Bootstrap, JavaScript, CSS3, SCSS, MongoDB, Express.js, Mongoose, Postman, RESTful APIs, Axios, Azure DevOps, socket.io
- Face Detection portal using REST APIs - React.js, Express.js, JavaScript, CSS3, Bootstrap, PostgreSQL, Clarifai REST API
- Classification of authors by lexicographical semantics - Python, Flask, Pandas, Matplotlib
- Image Processing and Heuristic-Based Path Determination Technique on a 3D Terrain - Python, Pillow library
- Data Loading & Migration, Querying, Normalization, Frequent Itemset Mining, and Clustering & Cluster Quality on a billion entry IMDb Dataset - Java, MongoDB, MySQL, Google Guava, Gradle
- Dual Player Battleship Game - Java, TCP/IP
- Derby REST Web Service – Python, Flask, SQLite 3, flask\_restful
- Object Detection, Action Recognition, and Image Manipulation - Python & libraries (Pandas etc.), OpenCV, Pytorch, MATLAB, Computer Vision Concepts
- Country-wise Air Quality Index Analyzer Python, Flask framework, SOAP web services, RESTful service, HTML5, CSS3
- Framework for an AI powered Investment Management Portal – HTML 5, CSS 3, Bootstrap, Python & AI/ML libraries, Django, SVM, Regression, Data Science modules, Jupyter Notebook; future scope includes a TensorFlow based Model

## WORK & VOLUNTEER EXPERIENCE

- **Data Engineering Volunteer**  
**NYC and Company (NPO)** May, 2021 - present
  - Promote NYC tourism by performing ETL on large datasets using Python.
  - Generating Tableau dashboards to identify opportunities for member organizations of the company
- **Full Stack Intern**  
**Retail Business Services** Jun, 2020 – Dec, 2020
  - Work in an agile team on Microsoft Azure DevOps.
  - Deploy responsive and ADA-compliant web applications written in React.js which are compatible on desktop and mobile screens.
  - Manage an Express.js server connected to a MongoDB database and process data using REST APIs.
  - Process data using REST APIs and test endpoints on Postman.
  - Establish a socket.io connection for multi-client communication to create a robust experience.

## EDUCATION

### Masters in Computer Science

**Rochester Institute of Technology (RIT)**

May 2022

3.63/4.00

• Big Data Analytics • Web Services  
• Artificial Intelligence (Intelligent Systems, Decision trees, Regression and Classification, Neural nets) • Computational Problem solving in Python • Object - Oriented Programming in Java • Advanced Algorithms and Data Structures • Computer Vision • Database System Design

### BE in Information Technology

**University of Mumbai** May 2019

### Certifications

- Pursuing 'A complete guide to TensorFlow for Deep Learning with Python'
- 'Machine Learning: The Art of Digging Data'
- 'The Complete Web Developer in 2020: Zero to Mastery'
- Pursuing Lane detection and other Paraphernalia for autonomous cars using Deep neural Nets
- 'Introduction to Linux'
- Pursuing Docker Mastery: with Kubernetes + Swarm

## TECHNICAL SKILLS



## SOFT SKILLS

