

# HUZEFA SAIFEE

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## Education

### University of Utah

Salt Lake City, UT

Dec 2020

Master of Science in Information Systems

Coursework: Data Structures & Java, System Analysis & Design,  
Machine Learning Applications

### State Technological University of MP (R.G.P.V)

Bhopal, India

Jun 2018

Bachelor of Engineering in Computer Science & Engineering

## Work Experience

### Graduate Research Assistant

University of Utah

Aug 2020 – Present

- Built a Shiny App to observe the variation of a model based on the decisions made by various subjects
- Analyzed the rationality of decision-making based on the data

### Project Lead

Network Dept, University of Utah

Mar 2020 – Aug 2020

- Automated the process of generating a weekly network deployment report and created a dashboard using Python, MySQL, and Node.js
- Saved 2 hours per week and enhanced the accuracy of the reports generated by 20%

### Graduate Teaching Assistant

University of Utah

Jan 2020 – Aug 2020

- Assisted over 120 students in achieving their course objective by conducting weekly TA Sessions and teaching
- Subjects taught: Data Science using Python; Intro to Business Analytics with R; Frameworks for Business Problems using MS Excel

### Software Engineer

Swati Jain Institute, India

Aug 2017 – Jul 2019

- Developed a chat-room application, using Socket.io to interact with Node.js & JavaScript and communicate among several users with a facility to join different rooms, share current location, and display a list of all currently active users
- Deployed a Rest API for managing tasks based on client's requirements, using Node.js and MongoDB to assign and maintain multiple tasks for individual employees, and include a recurring login feature for every employee

## Technical Skills

- **Technologies:** **Java**, **Python**, Android, Spring, Hibernate, Struts
- **Web-Technologies:** **JavaScript**, HTML, CSS, Node.js, RESTful API, React, Redux, Angular
- **Database:** **MySQL**, BigQuery
- **Version Control:** Git

## Projects

### Weather-App – Node.js, Rest API Mar 2020

- Created a live web application and hosted it on Heroku
- Fetched weather data for user's current location or the one provided by them
- Integrated REST API from Mapbox and Darksky APIs using Node.js code and Axios library

### Github Repo Analysis – Python Feb 2020

- Performed web-scraping on top 100 Github Repos
- Predicted the most popular programming languages based on data scraped
- Achieved 65% accuracy with the regression model
- Developed visualizations on the model using matplotlib

### Faster Checkout – Android App Mar 2018

- Led a team of 3 people to develop an Android-based billing application in Java
- Integrated barcode scanner allowing items to be scanned and billed instantaneously
- Reduced 60% of the checkout time for a supermarket having 75k yearly customers

### Aayam2k17.in – HTML, CSS, JavaScript Jan 2017

- Automated the event registration process by designing a website in JavaScript & Google Forms
- Posted all updates for future college events and registered over 5k participation requests

## Volunteer Work

### Webmaster – [indianstudents.utah.edu](http://indianstudents.utah.edu)

Indian Student Association

May 2020 – Present

- Maintain up-to-date information on ISA's website
- Automated the hosting and pickup process for incoming students to the University of Utah