

Huzefa Saiffee

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Education

University of Utah, David Eccles School of Business

Master of Science in Information Systems

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

Salt Lake City, UT

December 2020

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

Bachelor of Engineering in Computer Science & Engineering

Bhopal, India

June 2018

Work Experience

Graduate Research Assistant (University of Utah)

August 2020 – Present

- Developed a Shiny App to assist Professor Jason Snyder in his research work to observe the variation of a model based on the decisions made by various subjects and to calculate the rationality of decision making

Project Lead (Network Department, University of Utah)

March 2020 – August 2020

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

Graduate Teaching Assistant (University of Utah)

January 2020 – August 2020

- Assisted over 120 students for courses like Data Science & Big Data, Intro to Business Analytics, and Frameworks for Business Problems in achieving their course objective by conducting weekly TA Sessions, teaching subjects like Data Science using Python, Business Analysis with R, and Statistical Analysis of data using MS Excel

Software Engineer (Swati Jain Institute, India)

August 2017 – July 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 and share current location, ensuring a list of all currently active connections
- Developed a Restful API named Task Manager 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

Languages: Java, Python, Android, JavaScript, HTML, CSS

Databases: MySQL, BigQuery

Libraries and Frameworks: Node.js, RESTful API, React, Redux

Version Control: Git

Academic Projects

Weather-App – Node.js, RestAPI

March 2020

- Created a live web-based application hosted on Heroku to fetch weather for a location provided by the user or browser's current location by making requests to Mapbox and Darksky APIs using Node.js code and Axios library

GitHub Repository Analysis – Python (numpy, pandas, beautifulsoup, scipy, seaborn, matplotlib)

February 2020

- Performed web-scraping using custom scripting language on top 100 Github repositories to predict the most popular programming languages based on different factors
- Achieved accuracy of 65% using regression techniques and developed multiple visualizations on the model using matplotlib

Faster Checkout – Android Application

March 2018

- Led a team of 3 to develop an Android-based billing application with integrated camera API based on Java, to create a bar code scanner for the application allowing items to be scanned and billed instantaneously
- Reduced 60% of the checkout time for a supermarket having 75k customers, annually

Aayam2k17.in – HTML, CSS, JavaScript

January 2017

- Automated the event registration process by designing a website using JavaScript and Google Forms to display all information relating to college events and allowing over 5k easy registration access

Volunteer Experience

Webmaster – indianstudents.utah.edu (Indian Student Association)

May 2020 - Present

- Maintaining ISA's website to keep all the information up-to-date and automated hosting and pickup process for the incoming students to the University of Utah