Parth Shah

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EDUCATION

University of California, Irvine   Expected December 2020
Master of Computer Science – **GPA-3.95**   Irvine, CA
Relevant Courses: Fundamentals of Algorithms, Data Structures with Applications, Machine Learning, Artificial Intelligence

D.J. Sanghvi College of Engineering, Mumbai University   May 2019
Bachelor of Computer Engineering – **GPA-8.3**   Mumbai, India
Relevant Courses: Data Structures, Algorithms, Software Engineering, Data Warehouse and Mining, Database Management Systems, Web Technologies

TECHNICAL SKILLS

Programming Languages   Java, Python, JavaScript, C, C++
Web and Database   React, Node.js, HTML, CSS, PHP, MySQL, MongoDB
Frameworks and Tools   Git, Material-UI, Bootstrap, Figma, Scikit-learn, Tensorflow, OpenCV, Keras

EXPERIENCE

Ainves – Front End Development Intern   April 2020 – Present
- Involved directly in the development of company's online e-commerce platform using React in a CI/CD environment
- Responsible for developing and maintaining webpages, email templates and performing API integrations

Innovative Distributors – Web Development Intern   December 2017 – February 2018
- Restructured front end of e-commerce website and integrated the database to present live inventory information
- Promoted and marketed products using Google AdWords platform, which increased website hits by 30-40%

PROJECTS

Personal Portfolio – React, JavaScript   May 2020 – Present
- Developing a website to host a demo of past and ongoing projects, accomplishments, experiences, etc.

House Price Prediction – Python, Scikit-learn   April 2020 – May 2020
- Performed data exploration to analyze the features affecting the Sale price of houses.
- Developed a prediction model with 88% accuracy to estimate the Sale Price using only prominent factors.

Sudoku Solving Intelligent Agent – Java   September 2019 – December 2019
- Smart Agent for solving complex Sudoku boards (sizes greater than 9x9).
- Agent functions using advanced Artificial Intelligence heuristics for selecting the most optimal variable and value.

Computation of Mathematical Equations using Gestures - Python, OpenCV, Keras, Tensorflow   August 2018 - April 2019
- Constructed a tracker to record and recognize hand gestures and numerical input.
- Devised a CNN model on MNIST dataset to achieve 98.29% accuracy for classification of digits.
- Incorporated various functionalities of a calculator with added support for multiple types of equations.

Educational Institute Database - MySQL, Java   February 2018 – April 2018
- Created a database to maintain records for an educational institute.
- Integrated a GUI tool to filter and display summarized records to speed up user and database interaction.

Italian Avenue – Online Food Ordering - HTML, CSS, JavaScript, PHP, SQL   September 2017 - November 2017
- Built an online food-ordering platform programmed with functionalities to order delivery, reserve a table, check for various offers and discounts.
- Integrated the website with database using PHP to update real-time information about availability of dishes, tables and track delivery.