Vikrant Patil

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EDUCATION

The University of Texas at Dallas **Aug 2017 – Present**
M.S. Business Analytics
Dean's Excellence Scholarship

MIT College of Engineering, Pune (University of Pune) **June 2013 – June 2017**
Bachelor of Engineering (B.E.), Computer Engineering ***GPA – 3.5***

TECHNICAL SKILLS

Programming Languages: Python, SQL, R Programming, C/C++, HTML5, CSS3, Bootstrap
Databases: MySQL, MongoDB, SQL Server
Tools: SAP (Analysis for Excel, OLAP), MS Access, MS Visio, SAP Hana, Tableau, SAP Lumira, MS Excel
Operating Systems: Linux, Windows

ACADEMIC PROJECTS

Data Modelling, Reporting and Visualization **Aug 2017 – Present**

- Analyzed multidimensional data using SAP BO Analysis for Excel and Bex Query Analyzer
- Performed ETL operations on raw data, created Infocubes in SAP Netweaver BI and systematically moved transformed data in the created Infocubes
- Developed dimensional, analytical and calculation views for granular-level data and summarized multidimensional data using SAP HANA
- Visualized data from different views in SAP Lumira, Design Studio and Tableau

Retail Store Database **Aug 2017 – Present**

- Conceptualized and developed a data model and database for a retail store using MS Access
- Developed data input and data manipulation screen forms to populate various attributes of the database
- Generated reports with the help of sales, revenue and feedback data from the database

Object Detection and Following using NVIDIA Jetson TK1 **June 2016 – May 2017**

- Developed and programmed a robot which was driven autonomously or manually, with the aim of detecting and following a particular object
- Designed an Android Application with a video interface to control the robot
- Created a system which implemented on-board processing of real-time video stream along with object detection and following which reduced the communication overhead and the time delay
- Implemented an algorithm wherein, a HOG descriptor was trained using positive and negative data values which were fed to the algorithm in order to make the decision to recognize the object

Internship Portal for Student Applications (InternNet) **June 2015 – Dec 2015**

- Designed a website which allowed students to create their profiles, search and apply for internships based on their field of education, location of choice and preferred duration of work
- Developed a front end which enabled recruiters to upload, edit and delete their posted internships
- Created a relational database (MySQL) which stored the information of the students and the recruiters

PATENT

On Board Real Time Object Tracking System using All-terrain Mobile Robot

- Patent filed on 18th August 2017 in Patent Office of India (Patent Status: Pending)

ORGANIZATIONS

MIS Club, UT Dallas - Member **Aug 2017 – Present**

ADDITIONAL INFORMATION

Eligibility: Eligible to work in the U.S. for internships and for full-time employment without sponsorship for 36 months.