24, West Patterson Avenue
Columbus OH 43202

VENKATA SAI REVANTH TUMMALA

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EDUCATION

Columbus, OH **The Ohio State University** **December 2018**

- M.S in Computer Science Engineering, GPA 3.28/4

Additional Coursework: Machine Learning and Statistical Pattern Recognition, Data Mining, Data Visualization
Survey of Artificial Intelligence: Advanced Techniques, Methods in Bio-Medical Informatics and Data Science

Vellore, India **Vellore Institute of Technology** **June 2017**

- B.S in Computer Science Engineering, GPA 8.57/10

TECHNICAL SKILLS

- C++, C, HTML, CSS (5 years), Python, Java, JavaScript, Angular JS, Node JS, Ruby, MySQL
- IntelliJ, Ionic Framework, Git, IBM Watson, Pandas/NLTK/SciPy/NumPy/TensorFlow, Cucumber, Firebase

EMPLOYMENT

Graduate Teaching Assistant **The Ohio State University - Columbus** **May 2018-Present**

- I have taught C++ language over two semesters for Undergraduate students in the university.
- Handled about 100 students, their assignments and labs.
- 2 office hours per week dealing with various technical issues that students encountered.

Full Stack Developer Intern **Global Data Solutions – Hyderabad** **Dec 2016-Jun 2017**

- Developed a web application module for employees to request days off.
- Application was built on Java and AngulaJS platforms and used Ruby/Cucumber for automation testing.
- Led a group of 3 interns and successfully delivered client's requirement off the module.

TECHNICAL PROJECT EXPERIENCE

StyleMe – An IBM Watson powered fashion chatbot **Aug 2018 - Present**

- Building a web application with a chatbot that helps users decide on their apparel for an occasion.
- Working with Node JS and core services from IBM such as IBM Watson Assistant and Image recognition.
- Will be able to suggest the clothing based on matching preferences, event attending, location and weather.
- Uses the image recognition technology to capture the dresses in wardrobe and gives matching suggestion accordingly.

Conceptual E-Logbook (RAMP) – NETJETS (Industry Collaboration) **Jan 2018 – May 2018**

- Built an application called RAMP used by the partners of NETJETS to assign work orders and tasks to field technicians based on the location from scratch with new functionalities included.
- Worked on Ionic framework using Angular JS, Node JS and Firebase. Ionic Native tool was used.
- Generated a PDF from the data entered by the technician and sent the JSON data directly to company's database, thus converting the whole process into paper-less and greatly reducing the down time of flights that are waiting for the data.

Generating Images from Text Description **Aug 2017 – Dec 2017**

- Designed an algorithm that generates images from text description as input.
- Implemented Generative Adversarial Networks (GAN) using TensorFlow in python.
- Used Oxford-102 flower set, Microsoft COCO datasets to train the data.

Clinical Analysis of Patient Health **Jul 2016 – Dec 2016**

- Collected large amount of real time data from another project called Accident Alert System using IOT.
- Integrated the data with Arduino Java Code in the back-end using MySQL Query Browser.
- Used MATLAB to formulate the future trends of Patient's health using the data available.

Web Application for Schedule Management **Jul 2015 – Dec 2015**

- Developed an Android application to schedule the courses and timetable for students and faculties in university.
- Used HTML, CSS for the development and design. Used JAVASCRIPT for the functionalities.
- App is deployed in the university to schedule courses. Received best project award.

ADDITIONAL EXPERIENCE AND AWARDS

- Awarded financial assistance for all 4 years of my bachelor's study for an outstanding rank of 101 out of 500,000 people in VITEEE, an entrance exam for the university and excellent academic performance.
- Published a paper on the project Accident Alert System using IOT in International Journal of Pharma and Bio-Sciences (IJPBS).