

Anusha Devareddy



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Born: 29.11.1993
Marital status: Single

Brief Intro

I am a recent master graduate in Electrical Engineering and Information Technology. I gained more knowledge in HTML, CSS, JavaScript, JQuery, Python3.7, Jupyter Notebook, Tensorflow 1.10, XML and Ajax, even knowledge in cloud services like Google cloud platform, AWS and Azure from my previous role. Determined and focused on a career by exploring new things, constantly learning, and new ideas.

Professional Career

- 03/2019 - 10/2019 **Deggendorf Institute of Technology**
Master Thesis
- Quality assessment of different API's Azure and AWS for face detection, face recognition, face emotion detection, and object detection.
 - Development of ML solutions for various use cases in Azure and AWS.
 - Performance analysis between different cloud platforms for ML applications done on the google cloud platform and Integration of 3rd party tools for AI.
 - **Tools and languages:** Python3.7, Jupyter Notebook, Tensorflow 1.10, Google cloud platform, AWS, Azure, Machine Learning, Keras, Neural Network models, Scikit-learn, Pandas, NumPy, Matplotlib.
- 04/2018 - 09/2018 **Siemens Mobility, Braunschweig**
Work Student
- Development of an application for digital tracking of trains availability on track.
 - Python application for automation of pre-existing application and file system management and Technical documentation.
 - **Tools and languages:** Python, Batch Script, Microsoft Word, Visio.
- 04/2017- 07/2017 **Deggendorf Institute of Technology, Deggendorf**
Member of the Project
- Development of a web application for the digital classroom.
 - Using AJAX for API management.
 - Development of MySQL database in Linux server with MySQL and UI with JavaScript.
 - **Tools and languages:** JavaScript, JQuery, PHP, HTML, CSS, GitHub, MySQL, Microsoft Visual Studio.
- 01/2015 - 04/2015 **Jawaharlal Nehru University, Anantapur**
Bachelor Thesis
- Development of a new encryption method for hiding text in pictures.
 - Design of an application for steganography with MATLAB.

• **Tools and languages:** MATLAB, Steganalysis Techniques.

Education

10/2016 – 02/2020 **Deggendorf Institute of Technology, Deggendorf**
Master in Electrical Engineering and Information Technology
Specialization: Automation and Power Engineering


09/2011 - 05/2015 **Jawaharlal Nehru University, Anantapur**
Bachelor in Electronics and Communication Engineering


Scientific Publications


April 2015 **Data Embedding Using Adaptive Pixel Pair Matching**
International Journal & Magazine of Engineering
Sidharth Raj, RS, & Sangeetha, M. Data embedding method using adaptive pixel pair matching method. International Journal of Pure and Applied Mathematics, 116.


Technical skills


Programming Languages:


C 

C++ 

Python 

JavaScript 

PHP 

MATLAB 


Databases: MySQL, Microsoft SQL Server.

IT Skills: MS-Office, Microsoft Visual Studio, WebStrom.

Operating systems: Linux, Windows, Mac.

Version Control: Git, Bitbucket.

Languages

English 

Telugu 

German 

Tamil 

Hobbies

Travelling, Reading, Cooking, Mandala Art and Handicrafts.