CHAITANYA BOGGAVARAPU

02 Nov 1993   @ chaitu.boggavarapu@gmail.com   +1 505 369 9091   Albuquerque, New Mexico
https://www.linkedin.com/in/chaitanyaboggavarapu/   https://github.com/ChaitanyaBoggavarapu

EXPERIENCE

Research Scientist
Mind Research Network

April 2019 – Ongoing   Albuquerque

- Developing Machine learning algorithms to classify controls and patents(Schizophrenia)
- Developing Convolution Neural Network Model using transfer learning for source separation in sound.
- Version Control using Git
- Developed Desktop application using pyqt5

Project Engineer
Wipro

Dec 2014 – Dec 2017   India

- Developing mnemonics screens using CICS,cobol
- Developing and maintaining SQL Database for client SBSA(Standard Bank of South Africa
- Developing and maintaining frontend using React.js
- Designing and coding database tables to store the application's data
- Tracking issues and version control using Git

ACADEMIC PROJECTS

Advancing Out-of-School Learning in Mathematics and Engineering
- AOLME is a project for under represented middle school students to teach them how to code
- Taught Image processing techniques to middle school students which include calculating histograms,morphing images,selecting the region of interest on image using open cv.
- Taught color detection using K-Nearest Neighbors

Face Detection
- Built an facial recognition model with transfer learning using Google's inception which includes Tenserflow,Scipy,OpenCV,Numpy
- Compared the model with different activation functions such as sigmoid,softmax and relu

SOFTSKILLS

Learning Potential   Team Work   Organization   Flexibility
Professionalism   Responsibility   MultiTasking
Work Under Pressure   Agile

PROFESSIONAL SKILLS

Python
Cobol
SQL
Javascript
.net
Git

STRENGTHS

- Development

Python   MATLAB   SQL   Java Script
ReactJS   Git   PySpark
Microsoft SQL Server   Java

- Development Tools – DB

SQL   Graph   MySQL   PostgreSQL

- Development Tools – IDE

Anaconda Prompt   VS Code

- Data Analysis Tools

Excel   Tableau   SPSS

EDUCATION

M.S. in Computer Engineering
University of New Mexico

Dec 2018 – Current

Bachelor of Technology in Electronics and Communication Engineering
SRM Institute of Science and Technology

Chennai, India

LANGUAGES

English   Hindi   Telugu   Tamil

OTHERS

- Driving License – NM