CHAITANYA BOGGAVARAPU

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in https://www.linkedin.com/in/chaitanyaboggavarapu/
⚙ https://github.com/ChaitanyaBoggavarapu

EXPERIENCE

Research Assistant
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

- Created ASP.NET based web application to create work and tag local beneficiaries for the rural development. Website: https://www.india.gov.in/integrated-watershed-management-programme-ministry-rural-development
- 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 applicationâĂŹs 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

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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 |

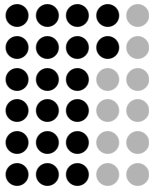| Work Under Pressure | Agile |

PROFESSIONAL SKILLS

Python ●●●●○
PHP ●●●●○
SQL ●●●○○
Javascript ●●●○○
.net ●●●○○
Git ●●●○○

STRENGTHS

- Development

Python	MATLAB	SQL	Java Script
ReactJS	Git	Microsoft SQL Server
Java	C#	Flask

- 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 | PortFolio : https://chaitanyaboggavarapu.github.io/WebProgr Python-Hardvard/About