Kowshi,koya badh,ac , bc,bsah,klau,sunil.jdfdh()push

Phone: (91) 9790469927 | Email: kowshikchilamkurthy@gmail.com

Address: Department of Civil Engineering, IIT Madras, Chennai

Education -------------------------------------------------------

Jun 2010 – Jul 2012 Xth Standard Gowtham Concept School

Percentage: 93

Jun 2012 – Jul 2014 Intermediate Education (XII) Sri Chaitanya College

Specialization: MPC

Percentage: 96.9

Jun 2014 – Jul 2018 Bachelors of Technology Indian Institute of Technology, Madras

Specialization: Civil Engineering

CGPA: 8.01

Publications-----------------------------------------------------

 Kowshik Chilamkurthy, Anto v Markson, Siva teja chopparla and manu S, 2016.The

statistical overview of sand demand in Asia and Europe In: Advances in Concrete

Technology, Materials &Construction Practices(CTMC), 2016,Goa, India

 Kowshik Chilamkurty, Devunuri sai praneeth, Arul jayachandran, 2016. Automation of

Glass Fragmentation analysis In: ICCEN, Sydney, Australia.

Honors and Awards -------------------------------------------

 Secured Rank 5 in Healthcare machine learning competition conducted by Nasscom

analytics

 Best Theme paper award for a research paper titled “ The statistical overview of sand

Demand in Asia and Europe” by UKIERE CTMC’16 committee

 Secures Rank 2 nationwide and rank 41 worldwide in a machine learning competition

conducted by prudsys, Germany

Work

Experience ------------------------------------------------------

Oct 16 – Present RESEARCH AND DEVELOPMENT Nadhi IT

 Dealing with construction data

 Developing machine learning models for delay predictions

Oct 16 – Present DATA SCIENCE AND AI FREELANCER Toptal, Upwork, Guru

 Handling 2 Projects in data science and data visualization

 Certified freelancer on online platforms

May 16 – Aug 16 DATA SCIENTIST INTERN Lighthouse analytics, New York

 Worked on cutting edge problems in advertising analytics

 Played a key role in developing a machine learning algorithm for TRP rating

prediction in television media and networks

 Developed an optimization algorithm for scheduling the advertisements in

Television networks

 Gained considerable experience in Python, Ensemble methods, Deep Neural

networks, Predictive analytics Optimization, Ap-monitor, Big Data

Management, project critical path analysis etc.

Dec 15 – Feb 16 PYTHON INTERN FOSSEE, IIT Bombay

 Contributed to open source using python.

 Involved in Textbook campaigning

 Completely documented and solved the Popov mechanics of materials book

using data structures in python

Nov 15 – Dec 15 RESEARCH ASSISTANT BTCM, IIT Madras

 Assisted Research scholars in their research work

 Involved in building technology and materials projects

Projects-----------------------------------------------------------

Dec 15– Jul 16 APPLICATION OF AI TO BUILDING MATERIALS Prof. Manu Santhanam, IIT M

Team Size -3

Role- First Author and Algorithm Development.

 Self-Initiated this project

 Used Ensemble algorithms to predict the future reserves of natural river sand

for over 39 countries in Asia and Europe

 Closely worked with Gradient-boosting algorithms, Feature engineering,

Algorithm tuning, Big-data management

 Published a research article

.

Mar 16– present AUTOMATION OF FRAGMENTATION ANALYSIS Prof. Arul Jayachandran, IIT M

Team Size -2

Role –First Author and Algorithm Development

 Self-Initiated project

 Developed a model for automating a complex and tedious test in structural

engineering

 Used Image processing for automating the process and developed a graphic

user interface in python

 Demonstrated this model to Industrial leaders across India

 Published a research article

 Published an article in a Glass annual magazine

Skills--------------------------------------------------------------

 Python, Keras, H2o.ai, GAMS,C,R-studio

 Machine Learning

 Optimization

 Image processing

 Predictive analytics

 Big data handling, Management, visualization and analysis

 Deep neural networks

------------References Available Upon Request ------------