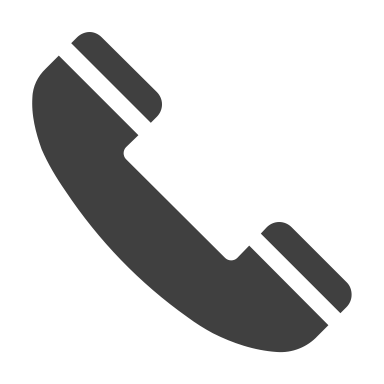
**MOHITH GOWDA**

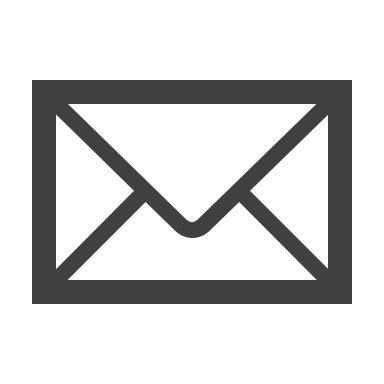
HEGGUR RAMESH

MSc in Data Science

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Heriot-Watt University

CURRICULUM VITAE

EDUCATION QUALIFICATION

**MASTER’S IN DATA SCIENCE**

HERIOT – WATT UNIVERSITY, EDINBURGH, UK

2020 - *PRESENT*

**BACHELOR’S IN COMPUTER SCIENCE**

PES COLLEGE OF ENGINEERING *(affiliated by Visvesvaraya Technological University)*

2015 - 2019

WORK EXPERIENCE

**PES COLLEGE OF ENGINEERING (VISVESVARAYA TECHNOLOGICAL UNIVERSITY)**

DATA SCIENTIST / RESEARCH PROJECT / JAN 2021 - PRESENT

* Proposing a novel method to implement AutoDL.
* Efficient design and development of the proposal.
* Verifying and interpreting on the results.

ROLE:

TECHNICAL SKILLS

Python **•** R language **•** SQL **•** NoSQL **•** JSON **•** MongoDB **•** SAS **•** Pandas **•** NumPy SciPy Scikit-Learn **•** Matplotlib **•** Seaborn **•** Boke **•** Ggplot2 **•** TensorFlow **•** TensorFlow-Lite • Weka Keras • GCP • C • C++ • Java • Linux

EXPERTIES

Machine Learning **•** Deep Learning **•** Data Wrangling **•** Data Exploration **•** Data Visualization Git and Version Control **•** StatisticalModelling **•** Advance Software Engineering **•** Big Data

PROJECTS ACOMPLISHED

**DEVELOP AND ANAYSE HYPER-PARAMETERS OF ANN AND PSO**

ACADEMIC / HERIOT-WATT UNIVERSITY / COURSEWORK / SEP 2020 - NOV 2020

* Efficient development of Multilayer Artificial Neural Network (ANN) *(no libraries).*
* Efficient development of Partial Swarm Optimization *(no libraries).*
* Deeper analysis of activation functions and hyper-parameters.
* Reproducing the report by interpreting the results of the experiments.

ROLE:

**ENHANCEMENT OF SECURITY IN CLOUD STORAGE OF ELECTRONIC HEALTH RECORDS BASED ON SECRET SHARING**

IRJET JOURNAL (INTERNATIONAL) VOLUME 6, ISSUE 9

SEP – 2019 / [View](https://www.irjet.net/archives/V6/i9/IRJET-V6I983.pdf)

**DEVELOPMENT OF ANTI-PHISHING BROWSER BASED ON RANDOM FOREST AND RULE OF EXTRACTION FRAMEWORK**

CYBERSECURITY SPRINGER OPEN

OCT – 2020 / [View](https://cybersecurity.springeropen.com/articles/10.1186/s42400-020-00059-1)

**REAL-TIME AGRICULTURE YIELD MONITOR SYSTEM (AYMS) USING DEEP FEEDFORWARD (DFF) NEURAL NETWORK**

SSRN

NOV – 2020 / [View](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3734201)

CERTIFICATIONS

* TensorFlow Developer Specialization.
* Deep Learning Specialization.
* SAS Data Curation.
* SAS AI and ML Professional.
* Machine Learning for Business Professional.

COMMUNITY SERVICES S

* Arms Wide Open

(animal care and finding scribe for physically challenged students).

* Eco Volunteer.
* Organize Blood Drives.
* Tutor Children’s

AWARDS

* Received 1st Place in Intra-Department Project Exhibition.
* Secured 1st Place in State Level Hackathon Competition.

**EDGE-C: TPH ANOMALY DETECTION ON ESP32 USING TENSORFLOW**

PERSONAL / PROJECT / JUL 2020 - AUG 2020

* Exploration of Data.
* Producing a highly corelated labeled dataset.
* Developed and optimized the model to fit in the micro-controller memory.

ROLE:

**EDGE COMPUTING: TPH PREDICTION ON ESP32 USING TENSORFLOW**

PERSONAL / PROJECT / MAY 2020 - JUN 2020

* Time Series Data analysis.
* Exploring insightful patters in the data.
* Developed and optimized the model to fit in the micro-controller memory.

ROLE:

**AGRICULTURE YIELD PREDICTOR USING DEEP LEARNING**

PERSONAL / PROJECT / FEB 2020 - MAR 2020

* Ingenious development of ML Use Case.
* Efficient Data Munging.
* Successfully implementation ML Pipelines.

ROLE:

**DEVELOPMENT OF ANTI-PHISHING ML BROWSER ARCHITECTURE**

ACADEMIC / PES COLLEGE OF ENGINEERING / PROJECT / FEB 2019 - MAR 2019

* Designed a novel Anti-phishing ML Browser Architecture*.*
* Produced SRS and SDD for the novel design*.*
* Developed and integrated Core modules.
* Succussed in achieving an accuracy of the 99.36% for the overall model performance.

ROLE:

PUBLICATIONS