

**SHREYAS ARUNESH**

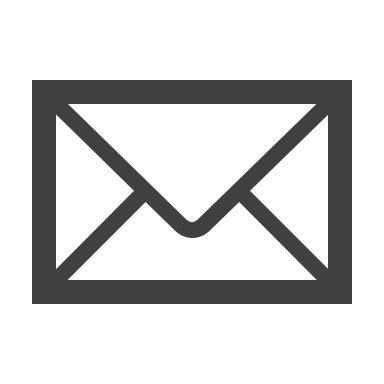
MSc in Artificial Intelligence

+44 751 899 9964

Shreyasarunesh161297@gmail.com

Shreyas Arunesh

Heriot-Watt University



[](https://www.linkedin.com/in/shreyas-arunesh)

**CURRICULUM VITAE**

EDUCATION QUALIFICATION

**MASTER’S IN ARTIFICIAL INTELLIGENCE**

HERIOT – WATT UNIVERSITY, EDINBURGH, UK

2020 - *PRESENT*

**BACHELOR’S IN ELECTRONICS AND COMMUNICATION**

NMAM Institute of Technology *(affiliated by Visvesvaraya Technological University)*

2016 - 2020

WORK EXPERIENCE

**Skanray Technologies Pvt.Ltd**

DATA ENGINEER / INTERNSHIP / 3/07/2019 – 12/08/2019

* Real-time processing on gathered and stored data.
* Maintaining data Pipelines.
* An Organizational study of the interconnected data ecosystem of company.

ROLE:

**Hexmoto Controller’s Pvt.Ltd**

ROBOT ASSIST INTERN / INTERNSHIP / 03/12/ 2018 – 30/12/2018

* Training on Design of joystick robot controllers.
* Overview of Robot Operating System API to access sensor information.
* Developed and optimized the model to fit in the micro-controller memory.

ROLE:

**Kirloskar Groups Pvt.Ltd**

INDUSTRIAL MARKETING INTERN / INTERNSHIP / 03/07/ 2018 – 10/08/2018

* Data collection and data quality assurance.
* Analyzing project scop and client servicing.
* Designing and implementing machine learning solutions for external clients under professional services.
* Data Preprocessing and Data Analyzing.
* services.

ROLE:

TECHNICAL SKILLS

* Python • Java • Pandas • Scala (Apache Spark) • NumPy • SciPy • Scikit-Learn • Matplotlib •Pytorch Seaborn • Boke •TensorFlow • Keras • C • C++ • Linux

EXPERTIES

* Machine Learning • Deep Learning • Data Wrangling • Data Exploration • Data Visualization Advance Software Engineering

**Robotic Border Surveillance System using LBP Algorithm (RBSS-LBP)**

ACADAMICS / BACHLORS THESIS / AUG 2019 – 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:

**Optical Network Implementation using Survivability Capacity Connectivity Algorithm**

ICCCE 2020. Lecture Notes in Electrical Engineering, vol 698. Springer, Singapore

**Defense against the Survivability to Network strategy**

CRC press Taylor and Francis edition, 2nd chapter in Cyber Defense Mechanisms: Security, Privacy, and Challenges.

**Robotic Border Surveillance System using LBP Algorithm**

**(RBSS - LBP)**

IEEE- NMAMIT CONFERENCE | June 2020 | Yet to be Published Online.

**Design and Implementation of Automatic Lawn cutter**

International Journal of Science Technology & Engineering | Volume 2 | Issue 11

**Real-Time Heart Rate Monitoring System with SMS Alerts.**

PERSONAL / PROJECT / JUL 2018 - AUG 2018

* Exploration of Data.
* Accuracy level 84% using SVM algorithm.
* 10-fold cross-validation for performance analysis.
* SMS Notification through GSM technology.

ROLE:

PROJECTS ACOMPLISHED

**Automated Submarine for Underwater Exploration and Knowledge Representation.**

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

* Prolog program to represent the knowledge in the Monster game defining Rules and Facts.
* Modeling the submarine implementing PDDL (Planning Domain Definition Language).
* Testing the solution on a series of different problem scenarios.

ROLE:

PUBLICATIONS

AWARDS

* Received “Future Made for Success Scholarship”.
* Best IEEE-NMAMIT Student branch chair.

COMMUNITY SERVICES S

* IEEE-NMAMIT, NITTE Student Branch Chair (January 2020 – January 2021).
* NSS (National Service Scheme)-Captain (January 2019 – March 2020)

CERTIFICATIONS

* TensorFlow Developer Specialization.
* Deep Learning Specialization.
* Machine Learning for Business Professional.