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| Vineeth Krishnakumar  +447741429459 . [Vineethkrishnakumar57@gmail.com](mailto:Vineethkrishnakumar57@gmail.com) . <https://www.linkedin.com/in/vineethkrishnakumar57/> <https://github.com/vineethk57/Projects>  <https://dx.doi.org/10.13140/RG.2.2.33152.87043> |
| I’m incredibly passionate about machine learning and data science, who is looking to develop further through an internship. I'm pursuing master’s in data science and artificial intelligence and have done a virtual internship provided by KPMG. |

# Education

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| January 2020 -Msc Data Science And Artificial Intelligence, Bournemouthuniversity, UKModules included neuronal analysis, search and optimization, artificial intelligence, computer vision and data processing and analytics. Classroom experience in convolutional neural networks, feedforward neural networks, linear regression, reinforcement learning, decision trees and random forests, bayesian learning, clustering with k-means. Projects done are:  * Diagnosing COVID-19 & 5 respiratory diseases from chest X-ray using deep learning in keras. * Real world gas delivery optimization problem using genetic algorithm. * Detection & comparing of groceries with multiple supermarkets using deep learning in PyTorch. * Data analysis of brain activity of a rat using different models * Library management system using Oracle SQL developer, MongoDB & Neo4J.   Moreover,I have published a research paper title “[Explainable AI: A key to trusting real-life machine learning applications](https://dx.doi.org/10.13140/RG.2.2.33152.87043)”. |
| june 2014 - may 2018B. TECH Mechatronics, SRM Institute Of Science & Technology,INDIA  * Teamwork through multiple group work assignments. * Written communication as university course requires producing essays, reports, seminar papers to strict guidelines. * In depth knowledge of technical subjects like mechanics, programming and electronics used in robotics. |

# Internship

### july 2020

**Data Analytics Consulting Virtual Internship,** kpmg

• Analyzed data quality of complex and large dataset.

• Segmented customer data and created data driven presentation.

• Presented data using dashboards and visualization techniques.

# Skills

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| * Python, Jupyter notebook * Probability and Statistics * Machine Learning Algorithms * Problem Solver, Critical Thinker | * sklearn, pandas, and NumPy * Data Structures * C++ & Embedded Systems * Attention to details |

# Experience

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| January 2019 – October 2019ROBOTICS DEVELOPER CUM FACULTY, DCS ROBOTICS, KERALA, INDIA Effectively worked with a variety of people and give presentations to peers, academics and employers. Worked on Embedded Systems, Aerial Robotics which consists of   * IoT developed using NodeMCU programmed in Embedded C. * IoT developed using Raspberry Pie programmed in Python.   Re-engineered a gyro-stabilized, GPS enabled flight controller for Quad copter using STEM32. |

# Achevements

### May 2020

**Postgraduate Global talent award,** bournemouth

university, UK

Developed with employers and awarded by my university to help individuals discover and demonstrate their potential to working in a truly global way. Participated in employer-led workshops and completed self-directed e-learnings, business challenges and activities crossing cultural boundaries.

# Activities

• Organized AARUUSH 2015,16 & 17 (A National Level Techno-Management Fest.)

* Worked in Operations and Resource Management during 2015-16.
* Promoted as one of the committee head in 2017.

• Organized MELAM 17, an event conducted by SRM students.

• Participated in many inter-university cricket tournaments and enjoys working out.

# languages

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| * English * Tamil | * Malayalam * Hindi |

# References

# Available on request