

Jithendran Adikesavan

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Computer science engineer interested in designing and developing software curious about machine learning, distributed computing and its potential use in socially sensible apps; With strong capabilities in data engineering and developing numerically intensive algorithms including Algebra, Statistics and Probability with a professional experience of 3 years; Currently pursuing a postgraduate degree in the University of Sheffield, UK

EDUCATION

Master of Science (M.S.)

Advanced Computer Science,
University of Sheffield, UK, Sheffield, UK

Sep 2022 - Sep 2023 (Expected)

Bachelor of Technology (B.Tech.)

Computer Science and Engineering,
SASTRA Deemed University, Thanjavur, INDIA

Jul 2015 - May 2019

High School Diploma

Shrishti School, Vellore, INDIA

Jun 2001 - Apr 2015

EXPERIENCE

Junior Data Scientist

Gyandata Pvt Ltd, Chennai, INDIA

May 2019 - Jun 2022

- Member of the development team while delivering applications to key clients in engineering industries (refrigeration, solar power plant, supply-chain management)
- Mentored Python-101 training program responsible for preparing new hires of the company

Intern

SASTRA TBI, Thanjavur, INDIA

Dec 2018 - May 2019

- Worked on developing an e-Catalogue for the sale of automotive parts with the ability to image search helping in reducing lookup time
- Submitted the report as my dissertation project for my graduation

PROJECTS

Predictive Maintenance of HVAC Systems

Member of the Application Development team responsible for data extraction and consolidation to perform initial data analyses along with exposure to the complete development lifecycle including local and cloud deployments of the product developed in Python (using Flask) and jQuery

May 2019 - Aug 2020

Design & Implementation of Solar Power Plant

Lead Developer of the application used in the design and implementation of a solar power plant optimising the placement of panels to extract maximum renewable energy
Responsible for delivering a prototype in Python (using Panel)

Mar 2022 - June 2022

AI in Supply Chain Management

Lead Developer for an application used in predicting procurement quantity ensuring optimal inventory with the concepts of supply chain management and machine learning Responsible for delivering and deploying the AI app developed in Python (using Flask) and jQuery

Jul 2021 - June 2022

PUBLICATIONS

Diabetic Retinopathy Detection using Deep Learning Techniques Mar 2020
Published in the [Journal of Computer Science](#)

Emotion Recognition on E-Learning Community to Improve the Learning Outcomes Using Machine Learning Concepts: A Pilot Study Oct 2019
Presented the paper at SSIC Conference which was later published in [Springer](#)

SKILLS

PROGRAMMING SKILLS

Python, SQL, Java, C++, HTML, CSS, Kotlin, jQuery

TECHNICAL SKILLS

Application Development, Relational Databases, Machine Learning, Android, git, Object Orientated Programming, Linux, Hadoop

SOFT SKILLS

Organization, Analytical Thinking, Adaptability, Time Management, Active Listening, Problem Solving

LANGUAGE SKILLS

Tamil - Native Speaker, English - C2 in IELTS, Hindi - Ability to read and understand

COURSES

Introduction to Deep Learning 2021
IIT Goa and Delhi

Introduction to Neurohacking in R 2018
Coursera

Programming, Data Structures and Algorithms in Python 2017
NPTEL

Introduction to Modern Application Development 2017
NPTEL

HONORS & AWARDS

HackSheffield7 2022
Member of the team which secured the 1st prize in the hackathon organized by the Sheffield Computer Society

Dean's List Scholarship 2016
SASTRA Deemed University
For securing a position in the top 2% of the UG batch in terms of academic performance

Best Outgoing Student 2015
Shrishti School

EXTRA-CURRICULAR ACTIVITIES

Member of University Handball Team @ SASTRA Deemed University
Member of NSS @ SASTRA Deemed University