

Vinu K. Vijayakumar

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EDUCATION

EdYoda Digital University, India

May 2022 – Present

6-Month Certification | Data Scientist Programme

- Relevant coursework: Python, Data Structure and Algorithms (DSA), MySQL, Data pre-processing, Exploratory Data Analysis (EDA), Data Visualisation, Natural Language Processing (NLP), Machine Learning (ML), Deep Learning (DL).

Indian Institute of Science Education and Research (IISER), Thiruvanthapuram

Aug 2015 – Jun 2020

BS MS Dual Degree | Physics (Mathematics Minor)

- MS Thesis Project: Detection of Chemicals using Surface-Enhanced Raman Spectroscopy.
- Relevant coursework: MATLAB and Mathematica in Inter Disciplinary Courses, Python in Computational Techniques & Programming Languages.

PROJECTS

[Food Ordering App \(EdYoda Digital University\)](#)

Jul 2022

- Created a food ordering app with admin and user login, with add, edit, view and remove items from inventory admin privileges and account creation, updating profile, ordering items and order history as user Functionalities.

[Kaggle Projects](#)

Jul 2022

- [House Prices. Advanced Regression Techniques](#)

A Machine Learning model was built based on 79 variables describing several aspects of a residential home. Data was cleaned and Random Forest Regressor was used to fit the model and produced a score of 85 percent.

ACADEMIC PROJECTS

Detection of Chemicals using Surface-Enhanced Raman Spectroscopy (IISER TVM)

Aug 2019 – Apr 2020

- Prepared silver nanoparticles of size 100 nm using physical deposition and annealing methods. Detected various compounds up to nano molar concentration using the created silver nanoparticles using Surface-Enhanced Raman Spectroscopy.

SKILLS & CERTIFICATIONS

- **Programming Languages** – Python, SQL
- **Familiar with-** OOPs concept, CRUD Operations, NumPy, Pandas, Scikit, Web Scrapping, Keras, TensorFlow
- **Databases** – MySQL
- **Tools** – MS Excel, Word, Power BI, Tableau
- **Certifications** – Python Certification, EdYoda Digital University
- **Soft Skills** – Communication skills, Teamwork skills, Research and Analytical skills.
- **Languages** – English, Malayalam, Hindi