

# RAHUL KALAISELVAN

E-Mail : [rahul070@unm.edu](mailto:rahul070@unm.edu)

Mobile : +(1) 9724693998

Website: <https://github.com/rahul0070>

## ACADEMIC QUALIFICATIONS:

- Pursuing master's degree in computer science at The University of New Mexico
- Bachelor of technology in Computer Science & Engineering at SRM Institute of Science and Technology
- Class 12- CBSE, Maharishi International Residential School

## TECHNICAL SKILLS:

- Programming Languages : Python, JavaScript, C, C++, Java, HTML, CSS and Haskell.
- Database System : My SQL, SQLite 3, Mongo DB, MS Excel, MS Access
- Other skills : Programming knowledge in Angular, React JS, Node JS and Android studio.

## AREAS OF INTEREST:

- Web programming.
- Machine Learning.
- Data analytics.
- Front-end development.

## PROJECT DETAILS:

- **Project Title** : Non stationary model for crime rate inference using modern urban data.
- **Technologies used:** Programming language used: Python, Tool used: Pyspark, Matplotlib, NumPy, Scikit - learn library, Algorithms: SVM, Logistic regression.
- **Description** : The main objective of this project is to study and compare various attributes of crime data from past several years using various machine learning algorithms and deep learning technique and obtain useful insight over a particular urban area which could be further used to prevent crimes and provide a safer environment to its citizens.

## OTHER PROJECTS:

- Development of a Chat application, enabling multiple systems to chat with each other using Java socket programming (2019)

- Development of a hotel management system using SQLite 3. (2015)
- Developed a Python based application for storing and maintaining medical records. (2016)
- Developed an application to improve English vocabulary. (2016)
- Implementation of Naive Bayesian and K-mean clustering data mining algorithms. (2017)
- Development of a luck-based entertainment application in Android. (2018)
- Development of a UI in Android for semester planning. (2018)

### **CERTIFICATES AND COURSES:**

- Introduction to HTML 5 - University of Michigan (Coursera).
- Programming for everybody (Getting started with python) - University of Michigan (Coursera).
- In-plant training in Hewlett Packard Enterprise.
- Certificate of appreciation for attending a practical demo on Ethical Hacking at Wikitechy.
- In-plant training at Kaashiv InfoTech.
- Organizing event in Milan 2018 at SRM IST
- Internship at Kaashiv InfoTech.