Prudhvi Krishna Paruchuri

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ   Expected May 2023
Master of Science, Computer Science   **GPA**: 4.00
Related Courses: Machine Learning: Fundamentals and Applications, Quantum Networking and Security, Fundamentals of Cybersecurity, Introduction to Cloud Computing, Decision Making via Data Analysis

Gandhi Institute of Technology and Management, India   June 2016 - June 2020
Bachelor of Technology, Computer Science and Engineering   **GPA:** 3.18

TECHNICAL SKILLS

- **Operating Systems:** Windows, macOS, Amazon Linux (AWS), Linux
- **Programming Languages:** Python, R, C, C++, Java
- **Software:** Microsoft Office, R Studio, MySQL, Jupyter Notebook, Tableau
- **Certifications:** Foundations of Data Science Professional Certificate – BerkeleyX, Data Science: Visualization – HarvardX, Data Science: Linear Regression – HarvardX, Big Data Specialization : UC San Diego

EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ   Fall 2020 - Present
Student Assistant Graduate, Classroom Management

- Arranged chairs in classrooms and reported broken furniture; ensured classrooms are properly equipped for coursework; recorded lectures for ill students

Tekbiz Soft Solutions, India   Summer 2019
Software Intern, Training and Project

- Designed an HTML page to prevent people from sending intimidating and threatening messages online while working on "Filtering Cyberbullying words in Online Social Networking Sites" project based on Semantic-Enhanced Marginalized Denoising Auto-Encoder
- Collaborated on design aspects of an HTML webpage with CSS for user logins and user profile page along with database management using MySQL in a group of 3; Commended to be extremely inquisitive and hardworking

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, NJ   Fall 2021
Rise of the Red Dragon

- Designed a Linear Regression Model with Python and Scikit-learn and Yahoo! Finance modules to build a model to predict stock market data for any given closing dates and closing price; model has an accuracy of 98%
- Assessed quarterly and yearly financial data from both Intel and AMD to evaluate where and how AMD spent money to generate insightful visualizations using Microsoft Excel; Identified Intel should spend capital on Research and Development rather than Marketing and other Operational expenses

Gandhi Institute of Technology and Management, India   Spring 2020
Expert System for Crop Selection in Agriculture

- Proposed project plan and led a team of 4 to develop an expert system to help farmers decide optimal crops to grow based on soil nutrient information datasets
- Hosted webpage by learning Django framework and integrated python code to generate output list of crops to grow in a preferred region
- Created entire project files from scratch due to lockdown in 2020 and ensured to meet deadline

Available Summer 2022