Prudhvi Krishna Paruchuri

Jersey City, NJ 07306   pparuch1@stevens.edu   630-943-0159   LinkedIn

EDUCATION

Stevens Institute of Technology, Hoboken, NJ   September 2021 - 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 Science, Computer Science   **GPA:** 3.18

TECHNICAL SKILLS

- *Programming Languages:* Python, R, Java, JavaScript
- *Cloud Software:* AWS EC2, AWS VPC, AWS Lambda, AWS Direct Connect, Elastic Load Balancing
- *Frontend:* Node.js, React.js, Tailwind CSS, Next.js, HTML5
- *Database Management:* MongoDB, MySQL, DynamoDB
- *Certifications:* Foundations of Data Science Professional Certificate – BerkeleyX

EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ   November 2021 - 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

Surgical Bionics, India   July 2020 – July 2021
IT Specialist

- Performed technical leadership in an enterprise business environment within an array of diverse systems and software. Implemented and maintained over 10+ computers with virus protection software.
- Implemented Data Analysis and Machine Learning practices on stock and inventory data to raise revenue by more than 50%.

Tekbiz Soft Solutions, India   May 2019 – June 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

PROJECTS

Stevens Institute of Technology, Hoboken, NJ   September 2021 – December 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

Available Summer 2022