

Prudhvi Krishna Paruchuri

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[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, JavaScript, C/C++
- *Operating Systems:* MacOS, Linux, Windows, Amazon Linux
- *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

Student Assistant Graduate, Classroom Management

November 2021 - Present

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

Surgical Bionics

Vijayawada, India

IT Specialist

July 2020 – July 2021

- 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.
- Initiated data analysis and machine learning practices; developed model with 87% accuracy; praised as innovative and persistent

Tekbiz Soft Solutions

Hyderabad, India

Software Intern, Training and Project

May 2019 – June 2019

- 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

Rise of the Red Dragon

September 2021 – December 2021

- 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