

Venkata Nishanth Chaganty

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OBJECTIVE

To obtain a Software Engineering position using strong programming and analytical skills starting early 2024.

EDUCATION

Rochester Institute of Technology

Bachelor of Science in Computer Science Honors (5-year program)

Rochester, NY

December 2023

3.78 GPA; Honors Program; Dean's List in every semester, Management Information Systems minor

Relevant Coursework: CS (Java, Python), Data Management (Python, SQL), Entrepreneurial Mindset, French, System Analysis and Design, Algorithms, Business Intelligence, Data Mining, Data Cleaning & Preparation, Machine Learning.

SKILLS

- Programming Languages: Python, Java, C#, SQL, JavaScript, R.
 - OS: Linux/Unix, Windows, MacOS.
 - Pandas, NumPy, Matplotlib, TensorFlow, Tableau, React, HTML, CSS, Scikit-learn, Hadoop, HBase, REST API.
 - Spoken languages: English, Hindi, Telugu, Beginner French
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EXPERIENCE

HubSpot

Software Engineering Intern – ML Products Backend

January 2023 - April 2023

- Built conversation intelligence tools in Java that utilized machine learning models for sales coaching.
- Developed and integrated multiple APIs with extensive testing to create a scalable and reliable web application.
- Implemented Kafka workers and Hadoop jobs to process and store huge amounts of data in a distributed file system.

Tesla Inc.

Software Engineering Intern

January 2022 – August 2022

- Implemented sophisticated backend APIs in C# and built new robust scalable applications for business use.
- Accelerated API performance by working on Technical Wealth Projects utilizing SQL, GraphQL, and REST APIs.
- Maintained Databases through complex SQL queries.

RIT Spring Research

January 2022 – June 2022

- Developed clustering algorithms that analyze startup technologies choices and funding relationships using the latest Machine Learning and visualization tools.
 - Utilized dimensionality reduction and performed Exploratory Data Analysis using Pandas on high volume data.
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PROJECTS

Netflix Clone | Extracurricular Project

- Built a Netflix clone consisting of movie recommendations, user authentication and subscription service.
- Developed interface utilizing JavaScript, ReactJS, Firebase, STRIPE, and third-party APIs.

Uber React Native Clone | Extracurricular Project

- Constructed a functional Uber App clone with ride options and end to end navigation display with price fares.
- Utilized React Native, Google Navigation and Distance APIs, CSS, and JavaScript.

RIT Bus Scheduling Assistant Automation | BrickHack Hackathon Group Project

- Developed a virtual assistant for bus tracking using Google dialog flow, JavaScript, and JSON Data from Rider API.
- Awarded Best Automation award sponsored by UI Path in annual college hackathon.

Smart Weather App | Extracurricular Project

- Implemented and deployed a NextJS smart weather web app that utilizes the GPT-4 API to provide intelligent weather summary.
 - Utilized Tailwind CSS, GraphQL, and Tremor UI to create an interactive dashboard that presents weather metrics.
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LEADERSHIP EXPERIENCE

Vice President: RIT Artificial Intelligence Club

- Led club's outreach efforts with alumni by establishing social media presence, corporate outreach, and organizing multi-club collaborations. Presented on Machine Learning topics.

Vice President: Business Technology and Professionals Club

- Led marketing initiatives targeted at making a traditionally business-oriented club expand into computing and engineering schools. Led efforts for collaborating with other emerging technologies clubs on campus.
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