

Venkata Nishanth Chaganty

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OBJECTIVE

To obtain a SWE/ML/DS summer internship using strong programming skills in Python, SQL, C#, Java, and JavaScript.
Available May 2023 – August 2023.

EDUCATION

Rochester Institute of Technology

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

Rochester, NY

Expected December 2023

3.78 GPA; Honors Program; Dean's List since Fall 2019, 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.

SKILLS

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

HubSpot

Software Engineering Intern – ML Products Backend

January 2023 - April 2023

- Building conversation intelligence tools in Java that utilize machine learning models for coaching sales associates.
- Implementing functionality for multiple APIs which service a host of intelligent CRM tools for business customers.
- Developing 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 – April 2022

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

Netflix Clone: Extracurricular Project

June 2021

- Built a Netflix clone equipped with user authentication and subscription service capabilities along with dynamic movie recommendations and trailers using JavaScript, ReactJS, Firebase, STRIPE, and third-party APIs.

IMDb Data Cleaning & Preparation Project: Academic Project

- Worked in a team of 4 to process, visualize and derive insights from multiple datasets from the IMDb website.
- Performed exploratory data analysis and data transformation to produce rich data for predictive modeling.

RIT Bus Scheduling Assistant Automation: BrickHack Hackathon Group Project

- Developed a virtual assistant using Google dialog flow, JavaScript, and JSON Data from Rider API enabling students to check bus schedules through voice commands. Awarded Best Automation award sponsored by UI Path.

Deep Learning Flask Model: Extracurricular Project

- Implemented a Deep Learning CNN Model using TensorFlow and trained it on a Kaggle dataset.
 - Integrated the ML model with Flask to create a web app and deployed it to the web using Heroku for live prediction.
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LEADERSHIP EXPERIENCE

Vice President: RIT Artificial Intelligence Club

Fall 2020 – Fall 2021

- 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

January 2020 – Fall 2021

- 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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