



Narasimha Cittarusu

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EDUCATION

University of North Carolina - Chapel Hill

May 2027

B.S. Computer Science + Statistics and Analytics/Applied Mathematics

Current GPA: 3.936/4.0

Ardrey Kell High School

June 2023

General Education

COURSEWORK

Courses: Methods of Data Analysis, Mathematics for Data Science/Multivariable Calculus, Analysis of Data Structures, Discrete Mathematics, Introduction to Programming and Data Science,

Awards: Dean's Honor List(1x), Engineering Design State Champion(2x), Scientific Visualization State Champion(1x), National Public Forum Debate Speech and Debate Qualifier, USA Computing Olympiad Silver Division

SKILLS

Interests: High Frequency Trading, Machine Learning, Artificial Intelligence, Software Engineering

Languages: Python, C++, C, HTML, MERN stack, Pandas, Pytorch, Matplotlib

Tools: Git/GitHub, VS Code, IntelliJ, PyCharm, Sublime

PROJECTS

Carolina Data Challenge 2023 - Nostalgia through Video Games | *Python, Pandas, Excel*

Sep. 2023

- **Performed** Data cleaning using **Pandas** to **synthesize** data regarding top video game manufacturers.
- **Developed** crucial insights about the data

EXPERIENCE

Discovery Place Science | *STEM Apprentice*

Aug. 2019 – Mar 2020

Worked in the Thinker Space Department in the Discovery Place Science Center; used **AutoCAD** and **Tinker cad** as the primary software; proficiency with **3-d printing** and **3d modeling software**. **Assisted people** who were visiting Discovery Place with **3d printers**.

UNC CS + Social Good | *Education Team Member*

Sept 2023 – Dec 2023

Learned about **HTML, CSS, Javascript, Node.js, and React.js** to **assist** the project team; **made simple website** using **Javascript** to **showcase my understanding**. **Collaborated** with fellow team members in the team to make tangible online websites.

UNC Department of Computer Science | *Undergraduate Teaching Assistant - COMP 110*

Jan 2024 – Present

Currently assisting people in **Introduction to Programming and Data Science** with any question they have and **grading assignments** as well.

UNC Department of Computer Science | *Undergraduate Student Researcher*

Jan 2024 – Present

Working with Dr. Henry Fuchs on **AI powered book translation** using **character recognition**.

UNC Mathematics Department | *Directed Reading Program*

Jan 2024 – Present

Working with a graduate student on a semester-long project. **Research** includes **quadratic reciprocity, p-adic numbers, classification of quadratic forms, and modular forms**.

CERTIFICATIONS

Akuna Capital Options 101

Issue date — Jan 17, 2024

Bloomberg Market Concepts

Issue date — Dec 24, 2023

Bloomberg Finance Fundamentals

Issue date — Dec 29, 2023

Bloomberg Environmental Social Governance

Issue Date — Jan, 13 2024