

Achal Mukkapati

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EDUCATION

Rutgers University

New Brunswick, NJ

Bachelor of Science in Computer Science & Business Analytics Information Technology

May 2025

- **Computer Science GPA:** 3.75/4.0
- **Relevant Coursework:** Data Structures, Computer Architecture, Discrete Structures 1, Financial Accounting, Macroeconomics, Microeconomics, Calculus II

WORK EXPERIENCE

New Beginnings

New Brunswick, New Jersey

Web Developer

September 2022 – Present

- Implemented new login feature using backend server software while leading initiative to form and design Advanced Programming Interfaces that are connected to servers which were created using JavaScript syntax
- Expanded current website to contain custom graphics and icons pertaining to the company mission statement, also led initiative to create, develop and implement a new vision for an effective and engaging full website makeover

Code Ninjas

Old Bridge, New Jersey

Code Instructor

May 2022 – September 2022

- Spearheaded courses for following subjects: Scratch for junior students, Roblox and Minecraft for design and scripting, 3D Printing for advanced modeling and design principles, as well as web development (HTML) for older students
- Collaborated with peers to establish a positive learning environment for students, and incorporated activities to make sure students were able to effectively understand assignments

Antonio's Pizza

Monroe, New Jersey

Cashier

June 2021 – September 2022

- Catalogued and monitored daily orders while assisting 65+ customers daily, while answering customer questions
- Engaged with customers about inconveniences, and delays in delivery process through phone calls and in person

TECHNICAL PROJECTS

Prerequisite Checker - Java

- Executed a course prerequisite checker for the Rutgers Computer Science department by utilizing Depth-first Search Algorithm to locate all direct and indirect prerequisites of specific courses to map and call functions
- Utilized navigation of Rutgers courses through application of HashMap and Graph data structures to return results

Huffman Coding Algorithm - Java

- Enforced a data compression algorithm, Huffman coding algorithm, to decode and code files.
- Optimized priority queues and search trees which were used to reduce file size by respectively accounting for character occurrence frequency in the inputted file and ASCII value memory through proper string orientation

EXTRACURRICULARS

Rutgers Enactus

New Brunswick, New Jersey

Competition Committee

September 2022 – Present

- Created a presentation with my peers to present business idea state-wide to make a recognizable environmental impact
- Collaborated with various team members to compile presentation elements for the Enactus National competition through created video content and led team of presenters in preparation for the competition

Peace Village

Haines Falls, New York

Web Developer, Event Coordinator

July 2020 - Present

- Chosen to help organize *Peace in the Park* event in July 2021 and 2022, at Central Park – oversaw attendance along with maintaining company website to ensure that no bugs or miscommunications occurred throughout entirety of event
- Organized and furthered 2 retreats while making accommodations for over 300 people, retreat responsibilities included managing room accommodations and delegating food services to people based on dietary needs

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: C programming, Java, HTML/CSS, Bootstrap, Python, MS Office, Google Sheets and Slides, Superimpose

Languages: Fluent Telugu, Elementary Spanish, Elementary Hindi

Activities: 7 Billion Acts of Goodness, BITS, MSC Summer League Basketball

Interests: Tennis (Highschool Captain), Basketball, NFL(New York Jets), Anime(Naruto), Cars