

Jay Mendapara

EDUCATION

Rutgers University, New Brunswick, NJ

B.S. Candidate, May 2021

- **Major:** Computer Science – **Minor:** Psychology
- **GPA:** 3.76; Dean's List: All Semesters

COURSE WORK & PROJECTS

Data Structures

- Implemented Binary Trees, Hash Tables, Graphs, Stacks, Queues, and Recursion using Object-Oriented programming in Java
- **"Expression Evaluation"** – generates the solution of a mathematical expression consisting of constants, variables, and arrays
- **"Little Search Engine"** – utilizes a Hash Table to calculate the frequency of selected words within one or more text files

Computer Architecture

- In-depth C programming to understand computer arithmetic by simulating computer hardware (Cache, Main Memory, Circuits)
- **"House Price Guesser"** – Machine learning program that uses the Normal Equation to predict the price of a house based on its physical characteristics and their respective weights
- **"Bomb Lab"** – became familiar with the x86 ISA by analyzing assembly code to determine the correct inputs for given outputs

Discrete Mathematics 1 and Linear Algebra

- Analyzed time and space complexity of various algorithms
- Applied matrix algebra to solve systems of linear equations

EXPERIENCE

*06/18 – Present Rutgers Office of Information Technology
Assistant Supervisor*

- Monitor employee performance and provide constructive feedback and coaching
- Construct employee schedules and address any concerns regarding schedule changes
- Take part in hiring and training new employees
- Handle technical issues by contacting the correct team

*06/18 – 09/18 Unitech Consulting
Workday HCM Intern*

- Worked with manager to implement Workday HCM for multiple companies (e.g., Aecom, Thermon, and Fiesta)
- Resolved client tickets by updating implementation and production tenants with the specified changes

CONTACT

Phone:

908-552-8747

E-mail:

jmendapara@gmail.com

Github:

/Jmendapara

AWARDS

HackRU 2018 - "Best Twillio Hack"

Developed an interactive game that allows multiple players to play virtual Madlibs by sending words to a predetermined phone number via SMS.

SKILLS

Advanced:

Java, C, Workday HCM

Intermediate:

HTML/CSS, JavaScript

Beginner:

MEAN Stack, Machine Learning

Tools:

Eclipse, Git, Android Studio, API Integration, GDB

ACTIVITIES

Rutgers University Mobile App Development Mentorship Program

- Work alongside mentor and peers to learn how to develop mobile apps

DIYA (Desi Intercultural Youth Association) at Rutgers

- Help organize large events centered around the South Asian community at Rutgers
- Oversee the responsibilities of our two historians

Website Development

- duaifurniture.com
- unitechconsulting.us