Rahul Baragur

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CAREER OBJECTIVE

I am a passionate sophomore student in Computer Science, aiming to leverage my skills and knowledge to land an internship position at your esteemed organization. I am highly motivated to gain experience during the internship to build a strong base for a successful career.

EDUCATION

Michigan State University East Lansing, MI
Bachelor of Science in Computer Science *Aug. 2021 ~ Present GPA:3.71*
Honors: Dean's List (Freshman Year)

Farmington High School Farmington, MI
High School Diploma *Sep. 2017 ~ May. 2021 GPA:3.94*

EXPERIENCE

Rush Chairman & Events Coordinator Jun. 2021 ~ Present
Kappa Sigma Fraternity Inc. – Delta Psi Chapter *East Lansing, MI*

- ➢ Held interviews and selected a committee to help assist me in my duties
- ➢ Coordinated daily meetings to hold budget discussions, event planning, member management etc.
- ➢ Utilized social media and networking to amass 100+ potential new members for the fraternity
- ➢ Consistently communicated with Kappa Sigma World Headquarters' representatives to discuss goals and tasks given to Delta Psi Chapter
- ➢ Presented and created various data sheets, budget lists, and planning sheets to HQ

Doordash Delivery Driver Feb. 2021 ~ Present
Doordash *Farmington Hills, MI*

- ➢ Delivered consumables and groceries to various individuals throughout the city of Farmington Hills
- ➢ Acquired time-management skills by following and adhering to company policies

Grader Jan. 2017 ~ Dec. 2018
Kumon *Farmington Hills, MI*

- ➢ Graded worksheets for every letter level for 15hours every week whilst being a full-time student
- ➢ Entered various sets of data in Microsoft Excel regarding each individual student
- ➢ Assisted students in teaching specific concepts in math & reading
- ➢ Managed other graders

PROJECTS

Simple Query Language | *Python*   Apr. 2023

- Parses string by user as command and stores information in AVL tree database
- Creates list of attributes and values from command such as length, width, and height
- Uses AVL Tree functionality to store data in Table object
- Displays command into printed Table object
- Similar functionality to SQL Language

LocoListen | *Python*   Jan. 2023

- Worked with a team of four people during a hackathon to create branding, presentation, and software for a pseudo company called LocoListen
- LocoListen uses location-based services from the Spotify API to show what people listening near the user's location on a map with datapoints
- Allows users to input songs and playlists into to the worldwide map
- Created a front-end web application using Streamlit API, Python, numpys, pandas, HTML, and CSS
- Helped create a back-end that stored user's data into a SQL query and programmed functions that connected the front-end to back-end

Picture Decoder | *C*   Jan. 2023

- Created a program that would take a C style string array of binary characters and turn it into a picture
- Made two functions that would do an exclusive or and a circular left rotation on a line from the file to be decoded with a key

Piece & State Game | *C++*   Dec. 2022

- Board game where players have sets of game pieces fighting each other using four distinct classes/objects

TECHNICAL SKILLS

- Languages: Python, C++, C, HTML/CSS, ARM Assembly
- Developer Tools: PyCharm, VSCode, Spyder, VIM, BASH/Terminal, Github, Cirsim, CLion
- Libraries: Matplotlib, Streamlit, numpys, pandas, Google Sheets DB, Spotify API

COURSE WORK

Completed:

- Introduction to Programming I - Python
- Introduction to Programing II - C++
- Discrete Structures
- Algorithms and Data Structures
- Computer Organization and Architecture
- Introduction to Engineering Design
- Calculus 1, 2 & 3
- Physics 1,2 & Chemistry