

Ronak Thakur

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Voorhees, NJ 08043

Education

University of Maryland - College Park, MD

Expected May 2023

- Bachelor of Science, Computer Science
- GPA: 3.708/4.0
- Entrepreneurship and Innovation Honors College
- QUEST Business Honors Program

Eastern Regional High School - Voorhees, NJ

Graduated June 2019

- GPA: 100.849/100.0

Programming Experience

Introduction to Computer Systems

Aug. - Dec. 2020

Unix Process-Control Project

College Park, MD

- Used process control to build a simple make Utility in C
- Parsed custom files using standard I/O library functions
- Gained experience with process control functions such as fork and execl

HackRice X Hackathon

Sep. 18-20 2020

Interactive Website and Timeline

Houston, Texas

- Built a single-page website with an interactive timeline using HTML, CSS, and Javascript as a team with 3 other students
- Designed the wireframe for the website using Figma and Adobe Photoshop for additional assets
- Analyzed a Github repository of documented police brutality events with a custom script written in JavaScript

Object-Oriented Programming (II)

Jan. - May. 2020

Graph Datastructure Project

College Park, MD

- Converted standard mazes into graph datastructures in Java
- Implemented various graph algorithms to return the path containing the exit

Work Experience

QUEST - UMD Office of Undergraduate Studies

Nov. - Dec. 2020

Consultant to Improve Tutoring Processes at UMD

College Park, MD

- Conducted surveys and interviews with students and tutors in UMD to analyze the current tutoring process
- Proposed a series of recommendations to the project managers in the Office of Undergraduate Studies
- Designed a search function that was recommended to be built into the website
- Gained project management and leadership experience working with 4 other students throughout the semester

MetaSense Marketing

Jul. 2018 - Aug. 2020

Digital Marketing Intern

West Berlin, NJ

- Implemented and launched automated advertising campaigns via e-mail and social media using InfusionSoft
- Automated 70% of manual data retrieval tasks using click automation software
- Conducted a detailed competitor analysis of 10 other digital marketing companies
- Developed an action plan for MetaSense Marketing to increase traffic to the website by 20%

Kumon Math and Reading Center

Sep. 2016 - Jun. 2019

Head Teaching Assistant

Marlton, NJ

- Provided Math and Reading tutoring to students of ages 5-17
- Trained 5 new assistants and assisted the head instructor with organizational tasks

Camden County Library

Sep. 2015 - Jun. 2019

Student Volunteer

Voorhees, NJ

- Prepared and assisted in facilitating various community events and other general services
- Served on the teen advisory board to propose future ideas and events in the library

Honors

- 3/3 Semesters of Dean's List Honors
- National Merit Scholarship Finalist
- National Honor Society Member

Skills

Java ● JavaScript ● C
HTML ● Python ● CSS
GIT ● Adobe Photoshop
MatLab ● Figma
Microsoft Suite
Google Suite

Relevant Coursework

- Object-Oriented Programming I
- Object-Oriented Programming II
- Introduction to Computer Systems
- Introduction to Design and Quality