

Nishk Patel

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Summary

Dedicated student interested in gaining hands on experience as well as working with a team to further develop personal and professional skills in the technology and finance industries

Experience

BEST GOOGLE CLOUD API IMPLEMENTATION

Hack TCNJ | April 2022

- “Joyscore” analyzes users emotions at frequent intervals by implementing Vision AI and determines a sentiment score to aid in better advertising suggestions
- Utilized OpenCV and implemented a camera integration into the program; Youtube API generated video length to determine snapshot frequency and Google Cloud’s Vision AI API implemented to generate sentiment reports

CONVOLUTIONAL NEURAL NETWORK OPTIMIZATION RESEARCH

Promoting Undergraduate Research in Engineering | Fall 2022

- Led team in generating optimized dimension choices for a CNN with over 100 combined hours of contribution
- Awarded first place during research presentation for audience choice amongst peers and professors

CHIEF TECHNOLOGY OFFICER

Youth For Business | February 2021 - November 2021

- Responsible for the creation of the Youth for Business Website; Skilled with HTML, CSS, and usage of Bootstrap
- Installed and executed digital advertising campaigns and strategies in order to gain more exposure and outreach to over 500+ engaged students

RESEARCH INTERN

Arati for Congress | October 2019 - August 2020

- Creation of Financial Donor Spreadsheet and maintenance of donation information; Implemented to create a more efficient and procuring system for contributions

Leadership and Volunteering

EAGLE SCOUT

Boy Scouts of America | 2013 - Present

- Organized and developed a community service project in order to refurbish Applegarth Elementary School garden; Lead volunteers through 150+ hours of service

PRESIDENT OF NATIONAL HONOR SOCIETY

National Honor Society | May 2021 - June 2022

- Developed an 82 hours per week tutoring program for all grades & subjects in the district; Guided 200 HS students through volunteering and leadership

Education

UNIVERSITY OF ILLINOIS - URBANA CHAMPAIGN | *Expected December 2025*

- Computer Science & Statistics
- Coursework: CS 124, CS 128, CS 173, STAT 400, STAT 200, MATH 257, Math 241, ENG 199

MONROE TOWNSHIP HIGH SCHOOL | *June 2022*

- 101.4 GPA, 11 Advanced Placement
- Coursework: AP Statistics, AP Physics 1 & 2, AP Calculus AB & BC, AP Computer Science Principles & A

Skills

Python, Pytorch, Open CV, Java, C++, R Data Analysis, Bootstrap, HTML/CSS, Problem Solving, Creative Thinking