

# Rohit Singhal

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## Education

### University of Wisconsin, Madison WI

Sep. 2020 - Jun. 2023

B.S. Computer Science

GPA: 3.56

#### Relevant Coursework:

Google Computer Science Summer Institute Algorithmic Toolbox Certification, Introduction to Computer Engineering, Introduction to Discrete Mathematics, Programming III, Data Structures and Algorithms, Machine Organization and Programming, Elementary Matrix and Linear Algebra

### Wilton High School, Wilton CT

Sep. 2016 - Jun. 2020

Diploma

GPA: 3.65

## Work Experience

### Steven Olikara for Senate, Madison, WI - Lead Developer and Creative Advisor

Nov 2021 - Present

- Redesigning and refining a US Senate Campaign website accessed by thousands using WebFlow with a combination of HTML and CSS
- Leading the development for the first US Senate Candidate produced NFT collection. Responsible for python randomization program, Smart Contract, and proper deployment and sale for each collection.
- Supported the campaign's content creation and marketing process through photography, co-directing media, and contributing creative ideas for different projects

### ExpressionMed, Madison, WI - SWE and Marketing Intern

Aug. 2021 - Nov. 2021

- Created a python randomization program dedicated to producing 11,111 unique NFTs (DiaDragons) with a specified rarity scale
- Collaborated closely with the lead developer to create a Smart Contract and ensure a successful, secured launch of the NFTS
- Responsible for the creation and management of an NFT community of over 700 members. Facilitated communication and distribution of information within the community.

### Wilton High School, Wilton CT - Intern

Apr. 2020 - Jun. 2020

- Created google chrome extension which consolidated and increased accessibility to valuable educational resources for high school students
- Advised and taught extension managers basics of extension development to ensure sustainability and longevity
- Demonstrated web development skills in HTML, CSS, and JSON

## Projects

### Music Player - Python/Tkinter

Jul 2021 - Aug. 2020

- Developed a music player GUI using Python Tkinter capable of creating and editing a playlist, shuffling through songs, adjusting volume and position in the song, and other basic controls needed whilst listening to music
- Researched various aspects of Tkinter and learned concepts that can be applied to the future development of Python GUIs

### Wilton FIRST Robotics - Singularity Technology

Aug. 2015 - Apr. 2020

- Contributed to the creation of accurate autonomous navigation using gyroscope sensors to complete a dynamic objective
- Acquired crucial sponsors which aided in funding the team's success (Notable Sponsors: JetBlue, MathWorks)
- Guided subteam members through basic java programming and robot hardware
- Team Awards (2019-2020): 2x Inspire Award, Think Award, Promote Award, World Competition Qualifying team

## Activities / Leadership

### Pi Kappa Alpha International Fraternity Beta Xi Chapter - Internal Vice President

Dec. 2021 - Present

- Responsible for planning brotherhood events, alumni weekends, and parent's weekends over the course of two semesters which are attended by an average of over 100 chapter members and friends and family
- Lead and manage the Internal Cabinet which consists of brotherhood, alumni, parent chairs, and others from the new fall pledge class. Assign and delegate tasks for planning, coordinating, and executing successful events planned throughout the term served.
- Former Pledge Class President responsible for managing and communicating tasks to a spring pledge class of 14 people.'

### If You're Reading This UW Madison Chapter - Founder and President

Mar. 2022 - Present

- Leading outreach to prospective students and spreading awareness about mental health to reduce the negative stigma surrounding it
- Organized a team and delegated tasks regarding social media, photography, editing, and other aspects to members of the club
- Actively contributing to the growth of the entire organization through creative direction ideas which can be implemented by nationwide chapters

## Honors / Awards

- Spanish Seal of Biliteracy, April 2020
- National AP Scholar Award, July 2019
- CT C.O.L.T. Award, March 2018

## Skills

- Programming: Java, Python, HTML, CSS, React
- Other Skills: Spanish, Hindi, Microsoft Office, Webflow