





# Vineeth Nareddy

Computer Science Major at Worcester Polytechnic Institute (WPI)

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## LEADERSHIP

### AMSA MIDDLE SCHOOL MATH TEAM MENTOR

November 2020 – April 2022

- Led weekly presentations and discussions with students in preparation for various math competitions, such as IMLEM (Intermediate Math League of Eastern Mass).
- Assisted team coaches in running virtual math competitions and helped two of my students in the 21 - 22 year to place top-100 in IMLEM individually.

### SUMMER CHESS TUTOR COACH

Summer 2021

- Actively instructed a student weekly through presentations made in Google Slides and helped that student to achieve a tie for 7th place in the U-1100 section of the 2021 World Open.

### AMSA CHESS CLUB DIRECTOR

October 2021 - May 2022

- Coordinated weekly lessons and presentations to club members aimed to improve their opening, middlegame, and endgame strategies.
- Helped organized the logistics of a schoolwide chess tournament in Spring 2022, such as food, format of tournament, time controls per each round, and schedule.

## PROJECTS

### LIFESCALE HTML | CSS

HACKHARVARD 2022

October 2022

- Collaborated with a team of 3 people over 36 hours to create a website to help users balance their lives by displaying their progress over time
- Designed the layout and formatting of the website, while improving the website by reducing user bias to survey questions
- Created a business model and monetization strategy, figuring out which generations to advertise to and planning to integrate it along with other industries

### TEMPERATURE PREDICTION APP JAVA

June - July 2020

- Produced an Android app that displays a temperature prediction based on the number of cricket chirps a user enters into the application.
- Designed a user-friendly GUI and constructed front end code to return the predicted temperature after the user enters valid input.

### HANGMAN GAME JAVA

May - June 2020

- Developed a Hangman game using an object-oriented Java program to generate a random phrase and let users guess characters of that phrase.
- Implemented a Drawing Panel that updates the GUI for each incorrect guess, a scanner to parse user input, and conditionals to catch invalid input.

## SKILLS

### PROGRAMMING

Experienced:

Java • Racket

Proficient:

R • Python

Familiar:

Scheme

## EDUCATION

### WORCESTER POLYTECHNIC INSTITUTE (WPI)

BACHELOR'S IN COMPUTER SCIENCE

Aug 2022 - Present | Worcester, MA

School of Arts & Sciences

Cum. GPA: 4.0/4.0

### ADVANCED MATH AND SCIENCE ACADEMY CHARTER SCHOOL (AMSA)

HIGH SCHOOL DIPLOMA

May 2022 | Marlborough, MA

Cum. Weighted GPA: 4.39 / 5.0

## AWARDS

### ACADEMICS & SCHOLARSHIPS

HONOR ROLL, NATIONAL HONORS SOCIETY (NHS) MEMBER, JOHN AND ABIGAIL ADAMS SCHOLARSHIP RECIPIENT, 2022 DCU FOR KIDS SCHOLARSHIP RECIPIENT

### OUTSIDE ACADEMICS

BLACK BELT IN KARATE, US EXPERT RATED CHESS PLAYER, ONE OF TEN PLAYERS INVITED TO PLAY IN MA HIGH SCHOOL STATE CHAMPIONSHIP (2020,2021, 2022)

### ACTIVITIES

WPI Chess Club