





Vineeth Nareddy

Computer Science Major at Worcester Polytechnic Institute (WPI)

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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.

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.

SKILLS

PROGRAMMING

Experienced:

Java • Racket • C/C++

Proficient:

R • Python

Familiar:

Scheme • HTML/CSS

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

Dean's List Fall 2022 Semester

Notable Courses: Acc. Intro. To Program Design, Acc.

Object-Oriented Design

Concepts, Discrete

Mathematics, Systems

Programming Concepts,

Algorithms*, Intro. To Machine

Org. And Assembly Language*

* - To be completed in May

2023

ADVANCED MATH AND SCIENCE ACADEMY CHARTER SCHOOL (AMSA)

HIGH SCHOOL DIPLOMA

June 2022 | Marlborough, MA

Cum. Weighted GPA: 4.39 / 5.0

OUTSIDE ACADEMICS

ACCOMPLISHMENTS

BLACK BELT IN KARATE, US EXPERT

RATED CHESS PLAYER, ONE OF TEN

PLAYERS INVITED TO PLAY IN MA

HIGH SCHOOL CHESS STATE

CHAMPIONSHIP (2020, 2021, 2022)

ACTIVITIES

WPI Chess Club, WPI Student

Government Association (SGA)