

# ISHAN SHETTY

CREATIVE CODER, JUNIOR DEVELOPER & HONORS UNDERGRADUATE STUDENT.  
INTERESTED IN MACHINE LEARNING, ITS APPLICATIONS & THE PROBLEMS THAT CAN BE SOLVED  
USING THIS TECHNOLOGY.



## EDUCATION

2024  
|  
2020

### B.S. in Computer Science and Data Science

University of Minnesota

Minneapolis, MN, USA 📍

- Taking classes in linear algebra, discrete mathematics, and advanced programming principles
- Dual-enrolled during High School through the PSEO (Post-Secondary Enrollment Opportunity) program
- Currently a Junior (73+ credits) in the honors program

2021  
|  
2016

### High School Diploma

Eden Prairie High School

Eden Prairie, MN, USA 📍

- National Merit Finalist and AP Scholar with Distinction
- Participated in FIRST Robotics, Math Team & Futurist's Academy
- Graduated with GPA of 3.93



## EXPERIENCE

2022

### Software Engineering Intern

AcuityMD

(remote) 📍

- Built an interactive map using the Mapbox API to allow clients to create sales territories & regions
- Built the frontend aspect of an @mentions and notifications system to allow users to mention each other
- Used the following technologies: React, GraphQL, Docker, Jest, Typescript, Mapbox API
- Operated within a fully-remote, agile team

2022  
|  
2021

### Associate Software Engineer

ExperienceIT

Bloomington, MN, USA 📍

- Worked for United Health Group as a consultant to create and maintain a medical portal site used by doctors
- Built a full-stack web application for a horse barreling startup and moved to a production environment
- Lead frontend developer on the project working with Angular and Angular Material
- Used the following technologies: Angular, Typescript, Docker
- Operated within a hybrid, agile team

2021  
|  
2020

### Captain

FRC Team 2502

Eden Prairie, MN, USA 📍

- One of four team captains elected by a 40+ member team
- Supervised 5 business leads and subteams
- Conducted weekly team meetings, captain meetings, and monthly team leadership meetings
- Communicated effectively with the team through weekly emails and over Slack
- Fostered relationships and promoted team brand by engaging with sponsors and community



## PROJECTS

2022

### Burnout

- A web app made to make data privacy easily accessible
- Made with Angular (typescript) with material design and FastAPI (python)
- Uses twillio to allow users to access temporary phone numbers in order to retain privacy
- 2nd place winner of Minnehack and winner of best use of Twillio

2020

### Neural Network Framework

- An implementation of a neural network from scratch written in Java
- Includes multiple training options such as genetic algorithms and classic training algorithms
- Easily extendable to use on other training environments (multiple examples included)
- Working example of an AI that can beat the game of Snake

2019  
|  
2016

### Discord Bot

- A discord bot that was used in over 300 servers and accessible by nearly 90,000 members
- Used the Reddit & Discord APIs to allow discord users to seamlessly view reddit posts
- Included features to allow for audio playback from Youtube in order to play music in voice chats
- Featured an interactive chatbot that could make entertaining conversation with other users
- Hosted and maintained on a raspberry pi

## PORTFOLIO

bricksandpieces.github.io  
 github.com/bricksandpieces

## CONTACT

linkedin.com/in/ishan-shetty

## AWARDS

National Merit Finalist  
AP Scholar with Distinction  
Elks Scholar

Minnehack 2nd Place Winner  
Minnehack Best Use of Twillio

## SKILLS

Java  
Python  
Javascript  
Typescript  
HTML5  
CSS

Angular  
React  
Vue

Git  
Docker