

# Bensen Wang

bensenwang8@gmail.com | 9176033677

## EDUCATION

### NORTHEASTERN UNIVERSITY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Expected May 2028 | Boston, MA

Khoury College of Computer Science

Cum. GPA: 4.0 / 4.0

### CT STATE NORWALK

ASSOCIATE'S DEGREE IN SOFTWARE ENGINEERING

July 2021 - May 2024 | Norwalk, CT

Cum. GPA: 4.0 / 4.0

## EXPERIENCE

### NORTHEASTERN ROBOTICS TEAM

September 2024 - Present | Boston, MA

- Built a 1-pound plastic battlebot using custom PCB components, a shell designed in-house and 3D-printed, and a member-written battery management software.
- Integrated electrical components and circuits, testing safety and performance extensively.
- Designed and 3D-printed a custom skeleton for the bot.

### IBM | INTERN

June 2023 - August 2023 | Boston, MA

- Gained knowledge on how to collaborate with people around the USA in different IBM, earning 6 verified IBM certifications.

## PROJECTS

### ROAMI | MULTIMODAL COMPUTER VISION & LLM APP

January 2025

- Built a roadtrip assistant for a hackathon which uses real-time camera input and voice detection to create an interactive tourism experience.
- Used FastAPI, NextJS, Radix UI, TailwindCSS, Moondream, Llama 3.3 70B, OpenStreetMap, and Web Speech API.
- Link: <https://devpost.com/software/roami>

### VIRUS EVOLUTION SIMULATION | USING REINFORCEMENT

LEARNING

March 2025

- Trained a double-Q learning model which learned when to apply a drug to maximize virus deaths per generation without causing excessive evolutionary mutations which would become resistant to the drug.
- Created visualizations using matplotlib and pygame, trained the models using pytorch and numpy.
- <https://github.com/sheepish-sheep/Virus-Simulation>

### REAL-TIME VIDEOGAME TRANSLATOR | USING FINE-TUNED LLMs

January 2025 - Present

- Built a seamless translation tool for visual novels (text-heavy videogames) using python, tkinter, LM studio, llama 3.1 8b, and pillow.
- Handles text extraction from the screen, identifies relevant dialogue, keeps story context, and provides sub-second, accurate translations.

## SKILLS

### PROGRAMMING

3+ years:

Python • Java • HTML/CSS

1+ years:

Racket • Javascript

### TECHNOLOGY

Git • Supabase • LLMs

Computer Vision • NextJS

Bash • Pytorch • Reinforcement Learning

PostgreSQL • Object-Oriented Programming

• FastAPI • NodeJS •

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Discrete Math

Fundamentals of Artificial Intelligence

Fundamentals of Game Design

### ASSOCIATE

Database Design

Bioinformatics

Web Design & Development I & II

Software Engineering

Object-Oriented Design

## SOCIETIES

Northeastern Robotics

Northeastern Electric Racing

Rev Startup School

MIT Augmentation Lab

## LINKS

Github:// [Sheepish-Sheep](#)

LinkedIn:// [bensen-wang-a06499265](#)