

Bensen Wang

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EDUCATION

NORTHEASTERN UNIVERSITY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH A MINOR IN MATH
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 | SOFTWARE ENGINEERING INTERN

June 2023 - August 2023 | Boston, MA

- Learned Python and enterprise software design under the IBM Python Automation AI & Python SDK team, 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 • Matplotlib • Stripe • Numpy
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](#)
Website:// [bensenwang.dev](#)