

(636) 891-4757
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EDUCATION

CORNELL UNIVERSITY

Ithaca, NY
Graduating 5/24
Computer Science

LINKS

LinkedIn: //rachel-yue
Github: //ry263

COURSEWORK

Computer Networks
Operating Systems
Algorithms
NLP
Databases
Machine Learning
Foundations of AI
Computer Systems & Organization
Functional Programming
Discrete Structures
OOP & Data Structures
UNIX Tools & Scripting
iOS Development
Backend Development
Digital Logic
Price Analysis
Behavioral Economics
Intermediate Economics
Linear Algebra
Stats and Probability
Multivariable Calculus

SKILLS

PROGRAMMING

- Java
- Swift
- Python
- OCaml
- C
- Bash
- Angular
- TS
- HTML/CSS

OTHERS

- MS Office
- Figma
- Leadership
- Organization

Rachel Yue

PROJECTS

Road Sign Detection Project — Spring 2023

Utilized foundational AI principles to create a bot from scratch to detect the presence of road signs in input images.

Tutoring App — Spring 2022

Designed and created a database for an app that helps Cornell students connect to each other for peer tutoring based on their courses and their availability.

Big Red Royale — Fall 2021

Programmed a simple cornell-themed real-time strategy game similar to Clash Royale, where players can place units on a board and fight against a cpu-controlled opponent.

Road Condition Monitoring System — Spring 2021

Participated in creating an IoT system to monitor icy road conditions in the Ithaca area and send information back to relevant parties.

Bear Market App — Dec. 2020

Created an app that connects Cornell students, faculty, and alum in a social media-like online marketplace platform.

EXPERIENCE

CS 4700: Foundations of Artificial Intelligence, Cornell University — TA

JANUARY 2023 - MAY 2023

- Piloted, proctored, and graded exams
- Debugged code for students in Office Hours

Centene Corporation, St. Louis, MO — Intern

MAY 2022 - AUGUST 2022

- Created POC for platform to improve communication between teams
- Designed UI for and created web app to make employee onboarding smoother

AEM 4140: Behavioral Econ. & Mgmt., Cornell University — Data TA

JANUARY 2022 - MAY 2022

- Utilized data manipulation methods to analyze trends in experimental data
- Created visualizations of data for instructional use during class

Humanwell Pharma US Inc., St. Louis, MO — Intern

JUNE 2021 - AUGUST 2021

- Piloted company's first program using deep learning in drug discovery
- Educated managers and scientists on the use of AI in drug discovery and development

ACTIVITIES

Women in Computing at Cornell

FALL 2020 - PRESENT

- Volunteered to help local community at various events

Engaged IoT Project Team

FALL 2020 - SPRING 2021

- Assembled and analyzed data from environmental sensors
- Created system to monitor road conditions in winter
- Learned to program Arduino and use TTN networks for IoT applications

Science Olympiad at Cornell

FALL 2020 - PRESENT

- Wrote and supervised exams for competitions across America