**Weiyi Tian**

(347) 267-8021 • New York, NY • wt746@nyu.edu

**Education**

**New York University**, College of Arts and Science Sept 2019 – May 2023

* Bachelor of Arts in Computer Science and Mathematics
* GPA: 3.92/4.0, Dean’s List for 2 academic years

**Skills**

**Language:** Python, Java, C, Assembly

**Technical:** Data Structures, Algorithms, Machine Learning, Calculus, Linear Algebra, Probability & Statistics

**Experiences**

**Course Grader** for Basic Algorithms Sept 2021 – Dec 2021

**Research Assistant**, DARPA Machine Common Sense Apr 2022 – Sept 2022

* Instructor: Robert Fergus, Ph.D.
* Seeking to address the lack of common-sense reasoning for AI agents
* Testing the virtual environment written in AI2-thor
* Teaching the AI agent to detect and interact with the subject in a dynamic environment

**Research Assistant**, Glimcher Lab Apr 2022 – Present

* Instructor: Bo Shen, Ph.D.
* Speed-accuracy tradeoffs in a disinhibition-based circuit model of decision-making
* Using numerical simulations and mathematical analysis to study how disinhibition impacts the decision speed-accuracy tradeoffs in animals and humans