Larry Tao

65 Cortlandt Ave | New Rochelle, NY 10801 | ltt28@cornell.edu | linkedin.com/in/larrytao05 | larrytao05.github.io

EDUCATION

Cornell University   Aug. 2023 – May 2027
Bachelor of Science in Computer Science, Double Major in Operations Research   *Ithaca, NY*
- Computer Science Courses: Discrete Structures, Functional Programming, Object Oriented Programming and Data Structures, Backend App Development, Computer System Organization and Programming, Algorithms
- Math Courses: Calculus, Multivariable Calculus, Linear Algebra
- Business Courses: Introduction to Macroeconomics

EXPERIENCE

AI Research Intern   Sep. 2024 – Present
Centaur AI Institute   *Remote*
- Training neural networks using PyTorch
- Contributing to ongoing research papers on Neuro-Symbolic AI
- Collaborating in team of 20+ members

Software Engineer   May 2024 – Aug. 2024
Outlier.ai   *Remote*
- Created coding prompts using Python, Javascript, and Java to train Large Language Models
- Provided feedback for models' responses to coding prompts

PROJECTS

Glimpse | Cornell GreenClub | *Python, Flask, Seaborn, Javascript, React*   Feb 2023 – Present
- Full Stack web application utilizing food waste data to generate visualizations and insights
- Worked in team of 3 developers using agile workflow method with 2-week sprints
- Combined frontend dashboard design with backend visualization algorithm using Python and Shiny
- Received Cornell BOOM (Bits On Our Minds) CS Department Honorable Mention for this project

Focus | *Python, Flask, SQL, XCode, Swift, UIKit, Docker, Google Cloud*   Dec 2023 – Jan 2024
- Created mobile frontend and backend database for app that helps users be productive by tracking focus time
- Frontend includes Login, Home, Character Level, and Settings pages
- Database includes User and Session models with a Many-To-One relationship

Five Night's At Freddy's OCaml | *OCaml*   Mar. 2024 – May 2024
- Worked in team of four students to design and implement large-scale project in OCaml
- Worked collaboratively throughout the process and learned Version Control and Communication principles

LEADERSHIP EXPERIENCE

Cornell GreenClub | *Subteam Lead and Web Development Chair*   Feb 2024 – Present
- Manage Glimpse project team with 10+ members
- Oversee the design, development, and maintenance of the organization's website
- Collaborate with other chairs to integrate relevant content such as member profiles, applications, and resources into existing web infrastructure.
- Train and mentor 10+ new members in web development & data science every semester

Cornell Chinese Students Association | *Cultural Chair*   May 2024 – Present
- Plan and host large scale cultural events that provide performances, food, and activities to up to 2000 guests
- Communicate and work with other board members to facilitate smooth club operations

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, OCaml
Frameworks: Flask, Django, JUnit, React
Developer Tools: Git, Docker, Google Cloud, VS Code, PyCharm, IntelliJ, Android Studio, XCode
Libraries: pandas, NumPy, Matplotlib, Seaborn