

JACK SCHLUGER

EDUCATION

Cornell University in Ithaca, NY

August 2017 - May 2021

- Bachelor of Arts in Computer Science, summa cum laude
- Phi Beta Kappa Society honoree

TEACHING EXPERIENCE

Freelance Computer Science and Math Tutor, remotely

April 2021 - Present

- Tutor 10 - 12 year old students in one-on-one tutoring settings to support students in their classes, or with a personally designed curriculum for extracurricular learning.

Teaching Assistant at Cornell University in Ithaca, NY

August 2020 - May 2021

- Held weekly office hours to help students and graded student assignments.
- Worked for *Choices and Consequences in Computing*, an introductory Computer Science course, and *Machine Learning for Intelligent Systems*, a senior/graduate level Computer Science course.

RESEARCH EXPERIENCE

Research Intern at Cornell University in Ithaca, NY

September 2019 - Present

- Researching the role of predictive machine learning algorithms in improving discourse online, through a mix of quantitative and qualitative approaches.

Research Intern at Cornell Tech in NY, NY

January 2019 - August 2019

- Researched the utility of synthetically generated data as training data for combined Natural Language for Visual Reasoning tasks and found significant shortfalls compared to the standard technique of using data labeled by human domain experts.

Research Intern at Cornell Tech in NY, NY

June 2018 - August 2018

- Contributed to the full stack development of CerealBar, an online multiplayer game built to study situated language understanding and learning to act collaboratively in a complex environment (lil.nlp.cornell.edu/cerealbar)

SKILLS

Full Stack Development

- Programming Languages: Python, JavaScript, Java, C, OCaml, NetLogo

Public Speaking

Curriculum Design

Organization