Thomas Porter

thomasporter2019@gmail.com | 703-314-6314 | thomasporter522.github.io

I am a motivated and curious undergraduate seeking an internship in artificial intelligence or related disciplines such as machine learning, software engineering, math, or linguistics.

EDUCATION

Cornell University | Ithaca, NY | 2019 - 2023 | Math and Computer Science | 4.04 GPA

Thomas Jefferson HS | Alexandria, VA | 2015 - 2019 | Computer Science | 4.45 GPA

CORE COMPETENCIES

Artificial Intelligence & Machine Learning	Python	Tensorflow/Keras
Natural Language Processing	Java	Apache Spark
Quantum Computing	Scala	Qiskit
Algorithm Design	OCaml	Unix
Software Design	C (beginner)	Git
Mathematical Problem Solving	HTML	LaTeX
Technical communication		

PROFESSIONAL EXPERIENCE

Information Extraction Research | Cornell University | Jun 2021 - Aug 2021
Worked to automate analysis of errors made by template-filling information extraction systems

Machine Learning Intern | D-Tech | Jun 2020 - Aug 2020, Jan 2021
Researched and implemented machine learning algorithms for cybersecurity anomaly detection

Pasture Programming Language | Solo Project | 2020 (github.com/thomasporter522/pasture)
Created a novel programming language fusing symbolic and functional programming

Teaching Assistant | Cornell University | Aug 2020 - Present
Led discussion sections, held office hours, and graded assignments for two core CS classes

Word Vector Geometry Research | Cornell University | Oct 2019 - Mar 2020
Worked on analyzing the geometry of syntactic classes in word vector embeddings

Arachne Latin Learning Tool | Thomas Jefferson High School | Sept 2018 - May 2019
Created a Latin sentence generator with user specified vocabulary and grammar constraints

Curriculum and References available upon request