Alexander L. Glick

(516) 589-0170 | alexander.glick@duke.edu

EDUCATION

Duke University, Trinity College of Arts and Sciences   **Durham, NC**
B.S. Computer Science, *Public Policy*   May 2023
- GPA: 3.78/4.00
- *Relevant Coursework*: Design and Analysis of Algorithms, Data Structures, Computer Architecture, Elements of Machine Learning, Discrete Math for Computer Science, Everything Data, Intro to Database Systems, Graduate-level Elements of Deep Learning (Spring '23)

Manhasset High School   **Manhasset, NY**
                                                                                                                               May 2019
- GPA: 4.4736, ACT: 35
- *Awards*: Gold President's Volunteer Service Award, NY State Assembly Certificate of Merit

WORK EXPERIENCE

Apple   **Cupertino, CA**
Software Engineering Intern   May 2022 – Aug 2022
- Worked on the front-end of the Apple TV App for third-party devices
- Coded in Typescript to aid data analytics and design with a focus on user interactions and flow through the app, change UI (similar to SwiftUI), fix bugs, and more
- Engaged a variety of stakeholders in discussion about data relating to analytics and design
- Presented on summer's work to the Services organization within Apple at end of summer

RMI   **Online**
Duke Stanback Fellow and US Program Intern   May 2021 – July 2021
- Coded in Python using Pandas to analyze the results of the in-house systems dynamics model for emissions and social, public health, and economic impacts
- Reviewed hundreds of pages of regulations and legislation to consult the New Mexico state government on future climate action in a series of RMI-run workshops
- Explored a new method of estimating mortality due to fossil fuel-related air pollution using Python

Shindell Research Group   **Durham, NC**
Undergraduate Research Assistant   May 2020 – Present
- Co-author of the "Global Methane Assessment: Benefits and Costs of Mitigating Methane Emissions" (UN Environment Programme) and "The Temporal and Spatial Distribution of Health, Labor, and Agriculture Benefits of Climate Change Mitigation in the US" (Proceedings of the National Academy of Sciences)
- Part of the Research Team on Prof Shindell's written and oral testimony to the House Committee on Oversight and Reform about "The Devastating Health Impacts of Climate Change" on August 5th, 2020
- Worked on population models in collaboration with faculty at NASA Goddard Institute

ACTIVITIES & LEADERSHIP EXPERIENCE

Computer Science 101: Introduction to Computer Science   **Durham, NC**
Undergraduate Teacher's Assistant   Aug 2021 – Present
- Leads lab group of 30 students ranging from freshmen to seniors to teach the fundamentals of computer science and Python
- Grades exams, homework assignments, and labs in a timely manner and holds one-on-one office hours

Duke Program in American Grand Strategy   **Durham, NC**
Council Member   Nov 2019 – Present
- Co-curricular Duke organization on foreign relations and national security
- Small undergraduate council reaches out to speakers, manages events, Q&A

SKILLS & INTERESTS

Languages: Proficient in French
Software Skills: Proficient in Java, Python, Typescript, SQL, HTML, CSS, PyTorch; intermediate in C, R, Flask
Interests: Duke Club Ski and Board, Policy Debate, Tennis, *Game of Thrones,* "The Dark Side of the Moon"