

# Benjamin Hellman

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, Georgia

May 2026

*Bachelor of Science in Computer Science*

GPA: 4.0/4.0

**Relevant Coursework:** Data Structures & Algorithms, Discrete Mathematics, Computer Organization and Programming, Computer Systems and Networks, Computer Networking, Design and Analysis of Algorithms, Database Systems, Probability and Statistics,

## PROGRAMMING SKILLS

Proficient in *Java, Python, C, C++, SQL, Assembly, Tableau, Microsoft Office, Git*; Familiar with *R, HTML, CSS, JavaScript*.

## EXPERIENCE

**Student Cybersecurity Analyst at Georgia Tech Security Operations Center**, Atlanta, GA

May 2024 – Present

- Responded to cybersecurity incidents from Cortex XDR and XSOAR and investigated potential malicious activity on campus endpoints to ensure safety across the campus network and keep endpoints protected.
- Hunted for threat actors across the network using SIEM platforms such as Elastic and Arkime to block malicious activity.
- Investigated Advanced Persistent Threat (APT) Groups to find possible vulnerabilities within the network.
- Analyzed packet files using Wireshark to trace a Malware installation with the aim of finding attack vectors on our network.
- Reached out to campus endpoints using ServiceNow to notify and remediate any potentially malicious programs on an Institute computer.

**CarMax Data Analyst Intern**, Kennesaw, GA

June 2025 – August 2025

- Interpreted internal data to find key areas in need of optimization within the company
- Developed a machine learning model to predict important information about the customer base
- Created statistics about savings the model could generate and measured model accuracy
- Designed powerful data visualizations using tools like Tableau and Excel
- Built internal data structures to preserve machine learning model predictions and data within company database
- Presented findings and recommendations to higher ups at the company

**Certified Trainer at Chick-fil-A**, Atlanta, GA

April 2023 – May 2024

- Trained new employees to ensure fast and safe procedures were being upheld.
- Scheduled shifts to ensure there were enough employees and a balanced set of skills across the store.
- Led the Back of House staff to ensure quality product and efficient employee management.
- Directed employees throughout and prior to the store closing to create a fast and clean end of day at the store.

## PROGRAMMING PROJECTS

**Megaregion Sustainability Research**

Dec 2023

- Mapped regions of high light intensity using QGIS software to find areas with high population density.
- Generated images using our satellite maps as a way of presenting our data to an audience.
- Drafted a research paper describing relationships within a Megaregion using detailed graphics from our satellite images.

**Honors Discrete Math Final Project**

May 2023

- Analyzed the complexity of a breadth of machine learning algorithms such as the Apriori Algorithm to find connections within a large set of data.
- Created a modified version of the Apriori Algorithm that uses conviction to find likely connections within a data set and ran it within a large health data base to find possible indicators of diabetes.
- Drafted and presented a research paper detailing the findings of our modified algorithm and comparisons to other machine learning algorithms

**Webscraper Project**

August 2024

- Developed a webscraper using Python to search for input data from scrapable sites.
- Iterated on the design to create more features such as additional site compatibility, JavaScript scraping support, and advanced search features.
- Communicated with coworkers to split-up development tasks and plan future goals for the project.
- Investigated the deep web to find potential sites to scrape to find leaks related to Georgia Tech student information or confidential data as a long-term project for the Georgia Tech Security Operations Center.

**Law, Data, and Design Team**

January 2024 – May 2025

- Researched AI focused methods to extract and label specific information from legal documents.
- Created and evaluated various labelling models as well as language models with various prompting strategies.
- Searched and scraped various online databases to establish a large set of training documents
- Presented research to various partner companies to be used in internal projects

## COMMUNITY ENGAGEMENT

**Honors Program**, Georgia Tech

Aug 2022 – Present

- Participated in Honors Program events, retreats, and ceremonies.
- Took Honors Program classes with smaller student bodies and a focus on student-professor interactions.