

Eliot W. Hiss

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WORK EXPERIENCE

Invicti — Data Analyst Intern

May 2025 - August 2025

- Utilize Snowflake to perform complex SQL queries for extracting and analyzing client data from large datasets.
- Develop automated data pipelines to export query results which generate comprehensive Google Sheets audits that provide Customer Success Managers with actionable insights on client usage patterns, supporting data-driven strategies for improved client retention.

Accenture — AI and Data Science Intern | *The Dock Innovation Hub, Dublin IE*

June 2024 – August 2024

- Worked with Azure Document Intelligence to extract information from documents, developing a solution that improved data processing efficiency.
- Collaborated with team to optimize healthcare medication advertisements targeted to Health Care Professionals.
- Won third place in the Internpreneur program for developing an innovative project during the internship.

The Boston Copley Marriott and The Hotel Viking | *Team Leader*

Summer - 2021, 2022, 2023

- Worked full-time managing valet operations, entrusted with hundred-thousand-dollar vehicles demonstrating responsibility and attention to detail.

EDUCATION

Virginia Polytechnic Institute and State University

2021 – 2025

B.S. of Engineering, Computer Science

GPA: 3.3/4.0

COLLEGE COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Computer Organization, Discrete Math, Linear Algebra, Combinatorics, Multivariable Calculus, Physics, Probability & Statistics

Awards: John and Abigail Adams Scholarship recipient, AP Scholar (4x), French Baccalauréat Recipient

SKILLS

Programming Languages: C/C++/C#, Python, Java, Kotlin, JavaScript/TypeScript, SQL, HTML/CSS

Tools & Technologies: Git/GitHub, Snowflake, Docker, AWS, Firebase, Pandas, NumPy, Android Studio, React, Node.js

Spoken Languages: English (Native), French (Fluent)

PROJECTS

Plant Disease CNN Classifier | *Python, TensorFlow/Keras, NumPy, Matplotlib, scikit-learn*

- Built a deep learning image classifier using CNN architecture to identify plant diseases from leaf images with 91% accuracy, incorporating preprocessing pipelines and cross validation to ensure model effectiveness across differing environmental conditions.

Flight Deal Aggregator | *Python, BeautifulSoup, Selenium, Pandas, SQLite*

- Created a real time flight deal aggregator scraping data from multiple airline APIs and booking sites, implementing price prediction algorithms and automated alert system that identified pricing anomalies and error fares, saving users an average of \$120 per international booking.

ACTIVITIES

Lambda Chi Alpha Fraternity

2022 – 2025

Executive Committee Member

- Founding Father, actively participating in strategic planning and development.

Eagle Scout

2009–2021

Boy Scouts of America

- Organized and led 40 volunteers for the Forbes House Museum (National Historic Property).
- Recognized by the National Garden Club of America.