

# Logan Lee

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Personal Website: moltenlava16.github.io

## EDUCATION

### Georgetown University College of Arts and Sciences

Bachelor of Science

Dual Degrees: Mathematics and Computer Science (Concentration in Tech, Ethics, and Society)

D1 Student-Athlete, Men's Rowing

Relevant Coursework: Computer Hardware & System Architecture, Network Security, Operating Systems, Deep Learning, Math for Machine Learning, Intro to Database, Algorithms, Data Structures and Object-Oriented Design, Programming Languages, Sociotechnical Security, Human-Centered CS

Washington, D.C.

Expected Graduation May 2026

## WORK EXPERIENCE

### Abacus Group LLC

New York, NY

Offensive Cybersecurity Intern

Oct 2025 – Present

- Performing reconnaissance and info gathering to optimize target selection and attack vector use in social engineering campaigns for various financial service provider clients
- Carrying out external analysis using methods such as OSINT and port analysis to discover attack vectors in client assets for senior penetration testers to exploit
- Contributing to vulnerability reports with well-documented findings and reproduction steps

### DYOPATH

Houston, TX

Business Optimization Intern

May 2024 – Aug 2024

- Streamlined user permission management by analyzing existing permission sets and creating standardized permission set groups, resulting in accelerated user creation processes
- Developed and implemented two production-level Salesforce flow automations following Salesforce Administration training
- Conducted inventory of executive leadership's Power BI dashboard use and gathered wish-list items; Jump-started improvements to sales commission tracking system

### Hartford Healthcare

Hartford, CT

Intern with the Center for Education, Simulation, and Innovation (CESI)

Oct 2023 – Dec 2023

- Developed educational software for pediatric crash cart simulations, enhancing medical student training capabilities
- Spearheaded documentation initiative for legacy equipment specifications, creating comprehensive technical documentation
- Optimized CESI scheduling system and website functionality, improving accessibility and user experience

### SKAE Power Solutions

Palisades, NY

Engineering Intern

June 2022 – Aug 2022

- Collaborated with senior engineers to maintain mission-critical server infrastructure, ensuring continuous operation and data security for multiple clients
- Designed and drafted detailed electrical one-line diagrams for client infrastructure planning, while assisting in the installation of PDU, rPDU, and CRAC systems
- Managed security monitoring responsibilities and resolved software troubleshooting tickets, contributing to overall system reliability

## ADDITIONAL EXPERIENCE & PROJECTS

### Mitsui & Co. Commodity Prediction Challenge

- Working collaboratively with other Georgetown undergrads to develop a machine learning solution for predicting commodity returns across global markets (LME, JPX, US Stock, and Forex specifically) using feature engineering and time series analysis

### Hoyalitics

- Applying Python and R programming skills to clean, analyze, and visualize data for ongoing analytics projects for on-campus groups and teams

### MDAnderson Cancer Center (Student Internship)

- Assisted in research for AI in the Department of Thoracic Imaging under Dr. Carol Wu with the goal of using crowdsourcing to rapidly identify and diagnose various forms of lung cancer

## ACTIVITIES

### Georgetown University Varsity Men's Rowing

Washington, D.C.

- Division 1 Student-Athlete balancing rigorous 30+ hour weekly training schedule with academic commitments while maintaining competitive athletic performance and strong academic standing

## SKILLS

- Programming Languages: Proficient in Python and R. Familiar with C++, Java, and SQL
- Traffic analysis: Wireshark
- Data Analysis & Visualization: RStudio, Tableau, PowerBI
- Languages: Professional working proficiency in Spanish, Cantonese, and Mandarin