

Melody Lee

☎ 301-655-0666
✉ melodylee299@gmail.com

🌐 melodyxlee.github.io
🌐 linkedin.com/in/melodyxlee
🌐 github.com/melodyxlee

EDUCATION

The George Washington University

B.S. Computer Science, Minor in Economics

May 2021

Washington, D.C.

- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Computer Architecture, Discrete Mathematics, Probability & Statistics, Linear Algebra

Walt Whitman High School

- Girls Who Code club founder & president

June 2017

Bethesda, MD

EXPERIENCE

Moody's Analytics

Front End Development + UX Intern

June – Aug 2018

New York, NY

- Researched and designed a new proof of concept using Bootstrap for a React UI component library documentation site to facilitate navigation and enhance usability for developers
- Created an application with HTML, CSS, JavaScript to dynamically generate and customize tables from CSV data files; improved efficiency of UX researchers in preparing prototypes for user testing of a financial analysis tool

National Institute of Standards and Technology

Research Intern

June – Aug 2016

Gaithersburg, MD

- Coauthored research paper published in *Antibodies* scientific journal
 - Castellanos, M.M.; Snyder, J.A.; Lee, M.; Chakravarthy, S.; Clark, N.J.; McAuley, A.; Curtis, J.E. Characterization of Monoclonal Antibody-Protein Antigen Complexes Using Small-Angle Scattering and Molecular Modeling. *Antibodies* 2017, 6, 25.
- Conducted size exclusion chromatography with multi-angle light scattering, analyzed data and constructed precise graphs, and presented results in a research talk and poster session

Girls Who Code @ Microsoft

Summer Immersion Program Participant

July – Aug 2015

Cambridge, MA

- Developed skills and knowledge in computing concepts, programming fundamentals, robotics, web development, and game design through hands-on experience
 - Gained insight into navigating a CS education and career as a female in technology
 - Built a web application in collaboration with two peers as a final project
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ACTIVITIES

Association for Computing Machinery (ACM) – Executive Board Member

Women in Computer Science Club

Conferences: ThinkChicago (Aug 2018), BuzzJS (June 2018), United State of Women (June 2016), DECA ICDC (April 2016, 2017)

Club Ultimate Frisbee Team – Treasurer

Marine Corps Marathon Finisher 2015, 2016, 2018

SKILLS

Intermediate: Java, Python, HTML & CSS, C, Git

Basic: JavaScript, LaTeX, MATLAB