Melody Lee

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EDUCATION

The George Washington University
B.S. Computer Science, Minor in Economics   GPA: 4.0/4.0

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
  o 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 woman in technology
- Built a web application in collaboration with two peers as a final project

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