

Melody Lee

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EDUCATION

The George Washington University

B.S. Computer Science, Minor in Economics

GPA: 3.91

May 2021
Washington, D.C.

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

EXPERIENCE

Amazon

Software Development Engineer Intern – Amazon Future Engineer

May – Aug 2019
Seattle, WA

- Currently building an internal console within AWS Organizations with React and Java

Google

CodeU Program Participant

Feb – April 2019
Virtual

- Collaborated with a team of peers to build on a web-based Java app, leveraging various Google Cloud Platform APIs including App Engine and Datastore
- Practiced industry best practices such as: contributing to distributed software development, conducting code reviews, extending an existing codebase, and designing new components and interfaces

Moody's Analytics

User Experience Intern

June – Aug 2018
New York, NY

- Researched and designed a 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
- Planned and led a web development workshop for a cohort of high school-aged Girls Who Code students

National Institute of Standards and Technology

Research Intern

June – Aug 2016
Gaithersburg, MD

- Coauthored research paper published in *Antibodies* scientific journal
- 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

ACTIVITIES

Association for Computing Machinery (ACM) – Executive Board Member

Women in Computer Science Club

Club Ultimate Frisbee Team – Treasurer

SKILLS

Intermediate: Java, HTML & CSS, JavaScript, React, C, Git

Basic: Python, MySQL, PHP, Android (Kotlin), LaTeX