

# 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.

- Undergraduate Learning Assistant for CS1010 Intro to Computer Science ~ Fall 2019

### Girls Who Code @ Microsoft

Summer Immersion Program Participant

Jul – Aug 2015

Cambridge, MA

- Developed skills and knowledge in computing concepts, programming fundamentals, robotics, web development, and game design through hands-on projects

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## EXPERIENCE

### Amazon

May – Aug 2019

Software Development Engineer Intern – Amazon Future Engineer Program

Seattle, WA

- Built an internal console using React, Java, and AWS services such as Lambda and DynamoDB to onboard user-provided policy type data onto a new system within AWS Organizations
- Streamlined and improved the policy type onboarding process by developing an intuitive UI, eliminating the need for manual code changes

### Google

Feb – Apr 2019

CodeU Program Participant

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

Jun – Aug 2018

User Experience Intern

New York, NY

- Researched and designed a proof of concept using Bootstrap for a 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

Jun – Aug 2016

Research Intern

Gaithersburg, MD

- Coauthored research paper published in *Antibodies* scientific journal: <https://doi.org/10.3390/antib6040025>
- 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

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## ACTIVITIES

Association for Computing Machinery (ACM) – Executive Board Member

2017 –

Women in Computer Science Club

2017 –

Club Ultimate Frisbee Team – Treasurer

2018 –

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## SKILLS

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

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