

Caroline Liu

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Google Software Engineer – Fuchsia

Fall 2021 – Present / New York, NY

Deliver high-fidelity, high-performance user input (keyboard, mouse, touch, etc.) from the kernel up for systems with a graphical user interface and multiple runtimes. Automate above-and-beyond and configurable testing for input modes across multiple open source repositories. Design and implement user activity systems for multiple products.

Google Software Engineer, Tech Lead – Search

Spring 2019 – Fall 2021 / New York, NY

Build and maintain modular, secure, well-tested web components in React and JavaScript for the [AMP open source framework](#) that's currently being used by millions of users. Help web developers meet the Google Search page experience ranking signal. Spearhead AMP accessibility strategy on the web platform.

Google Software Engineer – Sound Understanding Research

Summer 2018 – Spring 2019 / New York, NY

Architected a crowd-sourcing interface to collect [annotated sound data](#) used for training audio machine learning classifiers. Built C++ and Python audio ingestion pipelines.

Wesleyan University Research Assistant

Fall 2017 – Spring 2018 / Middletown, CT

Conduct research on routing protocols in mobile (and drone-based flying) ad hoc networks. Supervised by Assistant Professor of Computer Science V. Manfredi.

Girls Who Code Instructor

Summer 2017 / New York, NY

Maintained an engaging, accessible classroom for 20 high school girls. Taught CS fundamentals, OOP in Python, web development with Javascript and Django, and robotics in C. Advised design, development of final projects.

Wesleyan University

Class of 2018, 3.90 GPA

Bachelor of Arts in Computer Science,
Feminist, Gender, Sexuality Studies

Awards

CRA-W GHC Research Scholar Award

Awarded a research scholarship to attend the annual Grace Hopper Celebration 2017

Kevin Sanborn '87 Internship Grant

Awarded for spending summer working in social service, activism, and organizing

AMIDEAST Education Abroad Scholar

Studied at Al Akhawayn University in Ifrane, Morocco in Spring 2017

Talks

Accessibility in AMP

How to Write Design Docs

Grow With Google Panelist

Tools

git and GitHub, C++, Rust, React and Preact, HTML and CSS, Command Line, Python

Skills

Testing and debugging, Operating systems, Technical writing, Creative problem solving, Accessibility, Education and advocacy