

Melody Ho

Entry-Level Software Engineer

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melodyho.dev

github.com/melody-ho

OBJECTIVE

Motivated self-taught entry-level software engineer with a unique blend of academic disciplines, actively seeking opportunities to leverage my aptitude for navigating complex systems, engaging empathetically, and creating visual narratives within front-end software engineering. I am enthusiastic about making meaningful contributions to user-centric experiences that seamlessly blend technology and creativity.

TECHNICAL SKILLS

Proficient

JavaScript, CSS, HTML, React, Next.js, Data Structures, Algorithms, Figma, Wireframes, Prototypes, Mockups

Intermediate

Express.js, Sequelize, SQL, MongoDB, AWS S3, UX Design, Adobe XD, Adobe Photoshop, Adobe Illustrator

Novice

C, Python, Adobe After Effects

PROGRAMMING EXPERIENCE

Independent Project – Journ: A Digital Scrapbooking Web App

Aug 2023 - Present

github.com/melody-ho/journ

A CRUD web app that manages images, videos, and text content, incorporating tagging and filtering functionality. Developed using React, Next.js, Sequelize, SQL, and integrated with AWS S3.

Independent Project – Infinite: A Browser Game

Jul 2023 - Dec 2023

github.com/melody-ho/infinite

A browser game featuring a dynamically expanding hexagonal grid. Developed using JavaScript, CSS, and HTML.

PROFESSIONAL DEVELOPMENT

Independent Learning

Jan 2022 - Jun 2023

Acquired crucial technical skills for transitioning to software engineering through rigorous self-guided learning, completing programs including **The Odin Project**, **Harvard CS50**, **Google UX Design**, and **Adobe Visual Design**.

EDUCATION

Joan & Sanford I. Weill Medical College of Cornell University

Sep 2017 - Sep 2021

Completed three years of Medical Doctorate (MD) curriculum.

University of California, Los Angeles

Sep 2012 - Jun 2016

Bachelor of Science– Human Biology and Society Major and Film, Television and Digital Media Minor

Summa Cum Laude, College Honors, Highest Departmental Honors