

# Andrew Wiggin

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## Experience

### Mellon Foundation · Design Engineer

March 2023 – Present

- Responsible for digital design direction under Mellon's redesigned brand platform (mellon.org).
- Provided engineering and design leadership in conversation with editorial staff.
- Established design guidelines for all digital communications.
- Designed and engineered interactive expressions of editorial that push digital boundaries while upholding core brand principles.

### Meta · Frontend Engineer Intern

August 2022 – November 2022

- Designed an educative onboarding flow for native and web.
- Proposed a cross-platform component library that is now used on Instagram and Meta Quest VR.
- Conducted UX interviews to understand the needs of guardians using parental supervision on Instagram.

### Google · UX Engineer Intern

May 2022 – August 2022

- Improved the continuity of the trade-in experience that is involved in over 30% of Google phone sales by redesigning the cognitive flow.
- Implemented server-side actions responsible for interacting with other Google servers and converting various sources of data to suit the needs of the Google Store UI.

### Datadog · Software Engineer Intern

January 2022 – April 2022

- Redesigned the Datadog Notebooks viewing and editing user flow.
- Designed iconography representing content suggested throughout the Datadog platform.
- Created a composable UI kit for the Notebooks platform in Figma.

### Smartsheet · Software Development Engineer

June 2021 – December 2021

- Designed and engineered a homepage that rendered an innumerable number of rows using virtualized data.
- Validated the efficacy of new UX flows by using RUM data and A/B tests, revealing a 50% reduction in clicks to destination.

brooklyn based design engineer  
passionate about interaction,  
accessibility, and design systems

## Skills

### Frontend Engineering

JavaScript · TypeScript · Next.js ·  
WebAssembly (AssemblyScript,  
Rust) · HTML · Accessible Design  
Patterns · CSS · Three.js · Sass ·  
React · Redux · React Query ·  
Performant Web Animation  
(JavaScript, Lottie, CSS)

### Design

Figma · Adobe Illustrator, After  
Effects, Animate · Motion Design ·  
Design Systems · Color Theory ·  
User Interface Design · Interaction  
Design · Accessible Design ·  
Prototyping · Wire-framing ·  
Responsive Design · Typography ·  
Usability Testing · A/B Testing

### Other Technologies

Java · Python · NodeJS · Git · RPC ·  
GraphQL · AWS DynamoDB, S3 ·  
MongoDB · Firebase

## Education

### College Coursework

Data Structures and Algorithms ·  
Web Development · Object  
Oriented Design · Web Animation ·  
Interaction Design · Typography ·  
Color Theory · User Experience  
Design Process · User Experience  
Research Methods · Usability  
Testing · Diary Studies

