

ELLIE FRYMIRE

WEBSITES | elliefrymire.com | github.com/efrymire
CONTACT | 650.575.8738 | ellie.frymire@gmail.com

Driven and accomplished designer and developer in San Francisco, expert at creating interactive data visualizations. Strong business background; startup experience; effective speaker; passionate creative; analytical thinker; terrible cook.

EXPERIENCE

Atom Finance, Senior Data Visualization Engineer

(REMOTE) JAN 2022 – PRESENT

Specialist engineer driving our startup's "mission critical" B2B project building a library of HTML web components built on atom financial data. Responsibilities include:

- Research and development of web component technology in early 2023.
- Owning the product ideation, design, and development of every component.
- Running technical sales of these components as a solutions engineer.
- Manage a team of 2, teaching data visualization coding strategies and overseeing all development in the component library.

Tech stack: Stencil.js, Storybook, React, Typescript, Node.js, d3.js, Figma, GraphQL, AWS, Swift.

Two-N, Head of Development

(NEW YORK, NY) MAY 2021 – JAN 2022

Managing and directing a team of 3+ developers. Responsibilities include:

- Involvement in all projects in the studio, from discovery, to build, to final delivery.
- Overseeing growth of the development team, from novice to experienced developers.
- Advising all organizational project management from a technical perspective, including scoping and estimations, resources, budgets, and ticket management.

Two-N, Data Visualization Developer

(NEW YORK, NY) MAY 2019 – MAY 2021

Designing and developing bespoke web based data visualizations for various clients. Typical projects range from simple static representations to complete interactive app development with API connections visualizing real time data. Responsibilities include:

- Project management and direct client communications with clients.
- Designing visualizations to either (1) communicate a story through intentional data presentation ("narrative") or (2) present data without agenda ("exploratory").
- Creating visualizations via a framework or pure vanilla JS, using d3.js to create HTML elements, styled by CSS/SCSS. Also fluent p5.js, canvas, python, and more.

Clients include several non-profits, ad agencies, broadcasting companies, financial institutions, and many more. Projects can be explored online at two-n.com.

Tech stack: React, Vue.js, Next.js, Node.js, Typescript, d3.js, p5.js, Redux, Express, WebPack, AWS (EC2, S3, RDS, Lamda, etc), Adobe Illustrator, Python.

SKILLS

Data visualization development

Data visualization design

Presentations and sales

Resource management

Curriculum building

TECHNOLOGIES

[Key: **bold** implies expert]

LIBRARIES : **d3.js**, **Storybook**
p5.js, moment.js

LANGUAGES : **JavaScript**
(Node.js), **Typescript**,
HTML/XML, **CSS**, SCSS, Python

FRAMEWORKS : **React**, Next.js,
Vue.js, Svelte

BUNDLERS : Parcel, Webpack

PROGRAMS : **Figma**, Adobe Suite
(Illustrator, Photoshop, XD),
Microsoft Suite, **VS Code**,
Postman, TablePlus

EDUCATION

M.S. Data Visualization,
Parsons School of Design,
May 2018, New York, NY

B.S. Mathematics,
Minor in Business,
Villanova University, May 2013,
Villanova, PA

more experiences ↓

Deloitte Consulting, Technology Consultant

(NEW YORK, NY) SEPT 2013 - MAY 2017

Client facing consultant on a range of clients and projects. Notable experiences include:

Top US Food Distributor | Strategic pricing product development

- Built interactive Tableau dashboards using real time advanced analytics and strategic design elements
- Transformed messy data into an executive overview that clearly illuminated the highest-impact sales opportunities

XPRIZE Foundation | Pro-bono business transformation

- Restructured XPRIZE's fundraising process, increasing revenue by \$3.5M in one year
- Designed effective and appealing communications for stakeholders and tailored professional quality marketing materials targeting investors

Top Global Retailer | Landmark SAP implementation

- Led supplier data work thread for a supply chain implementation, spearheading new data capture and organization
- Synthesized and visualized key insights for project executives, directly shaping program priorities and strategy

Tech stack: PowerPoint, Excel, Tableau.

TEACHING + PUBLIC SPEAKING

CUNY, Adjunct Lecturer (2 courses)

JAN 2020 - PRESENT

Built an entire curriculum from the ground up for two classes, *Interactive Data Visualization* and *Interactive Data Visualization Studio*. Students must complete comprehensive technical tutorials in d3.js, design-based readings, and ethical critiques of effective data visualization, and in the studio course, complete an entire project over the course of a semester.

EYEO Festival, Lightning Speaker

MAY 2019

Selected as a lightning talk speaker for the EYEO festival, a "gathering for the creative technology community". Spoke about my #metoo thesis project: discussing how machine learning can help us understand and visualize concepts

Antenna Speaker, Global Graduates

NOV 2018, MAR 2019

Selected as one of 20 graduates from around the world presenting ideas that "will shape the future". Presented my thesis in front of hundreds, then thousands, of conference attendees during Dutch Design Week and at the Design Indaba conference in Cape Town, South Africa.