

Elizabeth D. Groton

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TECHNICAL SKILLS

JavaScript, TypeScript, HTML, CSS, React & Hooks, Node, Express, Redux, React Native, PostgreSQL, MySQL, Sequelize, Firebase, Selenium, Jasmine, Jest, React Testing Library, Mocha, Chai, Material-UI, Styled Components, Git, GitHub

EXPERIENCE

HubSpot *Cambridge, MA* December 2021- Present

Software Engineer - Web Analytics

- Leading a project that redesigns the creation flow for the custom behavioral events tool. Working cross functionally with product managers, designers, and other engineers to build an intuitive, joyful user experience.
- Initiating our team's migration to TypeScript (TS) and encouraging others on the team to use TS in order to meet incremental, company wide engineering goals. Spreading my enthusiasm for test driven development by increasing testing coverage by 40% using React Testing Library and end-to-end testing using Selenium.

EarlyBird Education *Boston, MA* February 2021- November 2021

Software Engineer

- Core contributor in developing a high quality dashboard to display student results from the EarlyBird Early Literacy/Dyslexia Screener to teachers.
- Created a beautiful user experience using React and Material UI, and wrote tests using Jest and React Testing Library to cover over 95% of the code for the dashboard.
- Revised and optimized legacy code in the API using Express and Sequelize.

The Grace Hopper Program at Fullstack Academy *New York, NY* November 2020- February 2021

Software Engineering Teaching Fellow

- Daily mentorship of 55 students on engineering technical concepts, software architecture, and debugging strategies.
- Curated algorithms for admissions assessments and conducted technical interviews for applicants.
- Led weekly interactive review lectures covering implementation of full-range APIs and best practices of Fullstack's NERD stack.

PROJECTS

Weather Watcher *Developer* [Github](#) | [Video](#) December 2020

- Winner of Mintbean's Social Justice Hackathon: Weather Watcher is a chrome extension that demonstrates the impact of climate change by showing the user how weather in their location has changed over time.
- Researched and designed API routes to fetch current weather data, historical weather data, and the top news articles related to climate change. Tech Stack: React, Victory.js, HTML5, CSS3.

Go.bARk *Developer* [Github](#) | [Video](#) October 2020

- Worked as a team of three to build an Augmented Reality mobile game that lets users choose a pet to play with and customize. Tech Stack: Viro React, React Native, Socket.io, Redux, HTML5, CSS3.
- Developed the backend server and database, as well as login/logout, screenshot functionality, photo gallery component, and the friends component, which allows users to follow one another.

EDUCATION

Fullstack Academy of Code, *New York, NY* - Certificate in Full Stack Web Development 2020

Johns Hopkins University, *Baltimore, MD* - M.S. Education 2018

Miami University of Ohio, *Oxford, OH* - B.A. Mass Communications 2013