

# Elizabeth D. Groton

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[www.betsygroton.com](http://www.betsygroton.com) | [www.github.com/betsyg6](https://www.github.com/betsyg6)

## SKILLS

**Proficient:** JavaScript, Node.js, Express, Sequelize, PostgreSQL, React, Redux, HTML5, CSS3, Ajax, Git, Github, Leaflet.js, Passport.js, Socket.io, Viro React, React Native, Chrome Extensions, Google OAuth, Webpack, Babel, Travis-CI, Heroku, Firebase, Material-UI

**Familiar:** Kotlin, Android Studio, Gatsby.js, Victory.js, Mocha, Chai, Netlify

## SOFTWARE ENGINEERING 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.

**Map It** *Sole Developer* [Github](#) | [Deployed App](#) October 2020

- Developed Map It, which allows a user to plot locations in a specific location and share it with friends who are going to visit that city. Tech Stack: Electron, React-Leaflet, Leaflet.js, Redux, Express, Node, Google OAuth.

## EMPLOYMENT

**The Grace Hopper Program at Fullstack Academy** *New York, NY* November 2020- Present  
*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.

**Achievement First: East New York Elementary School** *Brooklyn, NY* July 2015- June 2020  
*Lead Teacher (1st-4th grade)*

- Created daily lesson plans aligned to Common Core State Standards for classes of 25-30 students.
- Designed and taught an anti-racist curriculum for fourth graders learning about American History as a Curriculum Fellow.
- Mentored and supervised 5-7 new teachers as the Teacher-in-Residence Coordinator.

**Teach for America: McEvans Elementary School** *Shaw, MS* August 2013- June 2015  
*Lead Teacher (4th grade), Corps Member*

- Selected from more than 47,000 applicants nationwide and committed to teaching for two years in an under-resourced public school in Northwest Mississippi.

## 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