

# Elizabeth D. Groton

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[www.betsygroton.com](http://www.betsygroton.com) | [www.github.com/betsy6](https://www.github.com/betsy6)

## SKILLS

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**Proficient:** JavaScript, Node.js, Express, Sequelize, PostgreSQL, React, Redux, HTML5, CSS3, Ajax, Git, Github, Leaflet.js

**Familiar:** Google OAuth, Socket.io, Travis-CI, Heroku, Webpack, Viro React, React Native

**Some Experience:** Mocha, Chai, Passport.js, Gatsby.js

## SOFTWARE ENGINEERING PROJECTS

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**Go.bARK** *Developer* <https://github.com/gh-capstone-team-c/Go.bARK> 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* <https://mapitapp.herokuapp.com/> October 2020

- Created 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.

**HalloWOOF!** *Developer* <https://hallowoof.herokuapp.com/> September 2020

- Collaborated to build a full stack e-commerce web application that sells dog Halloween costumes. Tech Stack: Node, Express, Sequelize, PostgreSQL, React, and Redux.
- Wrote back end and front end code to display all products, single product, administrator routes, security protections, and CSS styling. Focused on deploying to Heroku using Travis-CI.

## EMPLOYMENT

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**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.
- 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 taught in under-resourced public schools.

## EDUCATION

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<b>Fullstack Academy of Code, New York, NY</b> - Certificate in Full Stack Web Development	2020
<b>Johns Hopkins University, Baltimore, MD</b> - M.S. Education	2018
<b>Miami University of Ohio, Oxford, OH</b> - B.A. Mass Communications	2013