

Elizabeth D. Groton

Brooklyn, NY | (781) 801-8143 | grotoned@gmail.com
www.betsygroton.com | www.github.com/betsy6

SKILLS

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

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

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

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