Elizabeth D. Groton

(781) 801-8143 | grotoned@gmail.com
www.betsygroton.com | www.github.com/betsyg6

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

EXPERIENCE

EarlyBird Education   *Boston, MA*   February 2021- Present
Full Stack 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.

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.

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.

TECHNICAL SKILLS

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