



# Lauren M. Lucero

## EDUCATOR & SOFTWARE DEVELOPER

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### // TECH STACK

*Development:* HTML, CSS, JavaScript, Babel, ESLint, GraphQL JSON, jQuery, Node.js, REST API, React, Router, Hooks

*TDD:* Debugging, Unit & Integration Testing, Chai, Jest, Mocha, RTL

*Workflow:* Agile, Asynchronous, CI/CD, Git, GitHub, Google, NPM, Webpack

### // PROJECTS

#### Auctionable Change — Full Stack Group Project

- Problem: Not everyone has disposable income to donate, but most people have extra stuff that someone else could use
- Solution: Engineer a platform where sellers post items for sale to support charity of choice & buyers donate a minimum amount to get the item
- Front End Tech: React Native, Hooks & Context API, Charity Navigator API, TravisCI, NativeBase components, Cloudinary image management, React Native Testing Library & Jest

#### Black Stories Matter — Full Stack Partner Project

- Problem: Black stories & authors need more representation
- Solution: Create & showcase a database of children's books by Black authors
- Front End Tech: React, Router, Asynchronous JavaScript, Fetch API, mobile first design w/ styled-components, Heroku

#### Hacker News Mobile — Front End Group Project

- Problem: The Hacker News site interface does not provide a visually pleasing user experience especially on mobile
- Solution: Redesign using Hacker News & openGraph APIs to display article preview images for users to browse & save
- Tech Stack: React, Hooks, Router, Asynchronous JavaScript, mobile first design w/ styled-components, axe Web Accessibility Testing, React Testing Library & Jest

### // PROFESSIONAL EXPERIENCE

#### Turing School of Software & Design — Front End Engineering — 2020

- Built accessible, database-backed desktop & mobile "client-side" applications full-time in-person & remotely for 7 months
- Focus on object-oriented programming, cross-browser compatibility, agile workflow, modern frameworks & UI/UX

#### Elementary Educator — Boston Public Schools — 2012-2019

- Lead classroom teacher serving up to 25 students across a spectrum of language & special education needs for an extended school day
- Participated in common planning meetings with teammates & coaches to analyze student work, monitor progress & identify areas for growth
- Facilitated meetings with grade-level teammates to plan student enrichment & family engagement activities
- Fostered positive classroom climate with proactive behavior interventions, mindfulness & culturally responsive practices
- Developed strong relationships with students & families through community building & communication

### // HIGHER EDUCATION

University of Massachusetts Boston — Master of Education

Arizona State University — Bachelor of Interdisciplinary Studies in Business & Communication

### // COMMUNITY INVOLVEMENT

#### Lead — Women Who Code Boston — present

- Work with leadership team to develop programming that encompasses technical, career & leadership topics for members, targeting professional engineers & industry leaders

#### Yoga Instructor — Hands to Heart Center — present

- Share the healing practice of yoga with people affected by addiction, poverty & trauma in Greater Boston

