



# ELLEN STUDER

Full Stack Developer

## PERSONAL PROFILE

I am a full stack developer with a background in data science. I am an eager learner, critical thinker, and dedicated team player. My goal is to create products that are beautiful, elegant, and which improve people's lives in real-time.

## SKILLS

HTML CSS JavaScript React  
React Native Angular.js Node.js  
Express.js Jest MongoDB SQL  
Firebase Heroku GitHub R

## GET IN TOUCH

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**Portfolio:** ellenmariestuder.github.io/portfolio

**GitHub:** github.com/ellenmariestuder

**LinkedIn:** linkedin.com/in/ellenstuder

## EXPERIENCE

### Full Stack Developer

2021 - Present

Freelance

- Built e-commerce site for client using React and Commerce.js; users can view products, add to their cart, and pay securely online via Stripe
- Designed, constructed business landing page; users can view business and product information, and submit feedback via embedded form

### Full Stack Development - Immersive

2021 - 2021

CareerFoundry

MyFlix App

- Developed web app where users can create an account, view movie information, and save lists of their favorite movies
- Created REST API to store movie data; Built with MERN, MEAN stacks

Chat App

- Built React Native messaging app featuring a customizable chat screen and the ability to send/ receive text messages, photos, and location
- Constructed using React Native and Firebase; Android- and IOS-friendly

Meet App

- Created progressive web app that allows users to view upcoming CareerFoundry events, and filter event list by location and other criteria
- Built with React, AWS Serverless Technology, Google Calendar API

### Senior Analyst

2019 - Present

University of Chicago Inclusive Economy Lab

- Produced k-means cluster analyses to reveal patterns in community college student enrollment behaviors
- Measured program impact using quasi-experimental statistical methods
- Supervised junior analysts; conducted QA, project managed

### Research Analyst

2017 - 2019

CUNY Office of Research, Evaluation & Program Support

- Designed, implemented new database, data collection app for client
- Analyzed data sets to assess data quality; developed multi-level data mapping method to link disparate program data sources
- Managed internal database; oversaw data collection and cleaning, developed detailed process documentation

## PROJECTS

DeveloperWeek 2022 Hackathon

February 2022

Project: inTouch app. inTouch connects non-profits with vulnerable communities to improve service delivery and access to local resources.

- With team of developers and designers, blueprinted app layout and features; used figma wireframes to align on app design
- Constructed app with React Native, implemented the following features: video calling (Agora), direct chat (Firebase, GiftedChat), appointment calendar (Expo Calendar)

## EDUCATION

### Full Stack Web Development Certification

CareerFoundry

2021

### Master of Public Administration, Public Policy

New York University

2015 - 2017

### Bachelor of Arts, Political Science & Human Rights

University of Minnesota, Twin Cities

2010 - 2014