

# Patrick Cleary

patrickdavisclarey@gmail.com  
PatrickCleary.com

HOME ADDRESS

122 Alexander Ave.  
Belmont, MA 02478

## WORK EXPERIENCE

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### TransitMatters

Boston, MA

Volunteer UX Designer/Software Engineer

October '22 - Present

- TransitMatters is a non-profit which advocates for better public transit in the Boston area. I joined the labs team which builds data tools to report on the state of the Massachusetts Bay Transportation Authority (MBTA)
- One of the team's most popular products, their data dashboards, were a few years old and needed an overhaul. The team had lots of ideas on what they wanted to improve but did not have an initial design to work from
- Learned how to use Figma to create a prototype overhaul of the dashboards based on the ideas the team had been discussing. This meant making them more mobile-friendly, easier to navigate, and more inviting to the public
- Presented this new design to the group, and have begun working with engineers to implement the project

### Soteris, Inc.

San Francisco, CA / Remote

Software Engineer

May '22 - June '22

- The company returned to a previous business model shortly after I joined, going from four employees to none

### Amazon

Cambridge, MA

Software Engineer

February '21 - May '22

- Worked on a team at the core of the Alexa infrastructure with millions of requests every day
- Designed and developed an operational project which gave the team better insight into our downstream dependencies and allowed us to make decisions about where to focus our energy for improving the service
  - This project is used to send weekly reports up the managerial chain to increase visibility into services contributing to latency within Alexa
- Created essential components with AWS CloudFormation to contribute to a successful year long project which substantially reduced latency on over 60% of Alexa utterances
- Gained experience working on requirements of large projects such as availability, testing, and maintenance

### CarGo

Remote

Co-Founder & CTO

March '21 - Present

- CarGo is an app I developed in collaboration with a small business owner to manage employee scheduling
- Worked with cofounder to develop a product focusing on ease of use and business functionality
- Created a user-friendly interface focused on attracting new users and encouraging existing users to work more shifts and earn more money
- Stood up a backend using AWS Amplify composed of AWS services including DynamoDB, GraphQL, and Cognito
- Led a team of four part-time engineers and a designer to build the application from the ground up
- Managed business aspects such as compensation plans, expenses, and hiring

### Amazon

Cambridge, MA

Software Engineer Intern

May '20 - August '20

- Developed a proof of concept project which was used to inform the team on future steps for their products

## EDUCATION

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### University of Massachusetts Amherst

Amherst, MA

Bachelor of Science in Computer Science

September '17 - December '20

Cumulative GPA: 3.8 / 4.0

- Built an app to collect UMass dining menu data and organize it in a simple, user-friendly platform