

## Patrick Hart (he/him)

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[Personal Site](#) | [LinkedIn](#) | [GitHub](#) | [Medium](#)

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### SOFTWARE DEVELOPER

Knowledgeable in JavaScript, React, Ruby, Rails, and Python programming. Possess strong skills in project design and troubleshooting. Former photographer and mechanic with a passion for building and fixing things with a creative approach!

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### TECHNICAL SKILLS

Ruby, Rails, JavaScript, TypeScript, NestJS, React, Python, Git, GitHub, SQL, SQLite, PostgreSQL HTML, CSS

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### TECHNICAL PROJECTS

#### Research Link - [Github](#) | [Demo](#)

*An app to connect scientific research organizations with study participants.*

- Utilized 7 class models to allow participants to apply for clinical trials and enable organizations to enroll participants based on their applications through join tables on the backend.
- Implemented custom routes to retrieve data from my rails backend to display in html tables on a React frontend.
- Composed sorting functionality on an HTML table to arrange instances alphanumerically by column heading.
- Prepared frontend components to dynamically generate stateful forms based on the number of elements in an array stored on the backend.
- Arranged a clean aesthetic for the frontend with all custom CSS and HTML.

#### Exercise Tracker - [Github](#)

*A web app to log running and cycling activities with a social component.*

- Built a PostgreSQL backend on Rails to manage full CRUD capabilities for a many-to-many relationship between models.
- Implemented user authentication and authorization with bcrypt.
- Designed an intuitive and responsive frontend with React.
- Populated the database with a dynamic seeds file.

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### EXPERIENCE

#### Volunteer Backend Developer

*Nonprofit Circle* | [Github](#)

Remote

09/2022 - Present

- Working with an asynchronous agile team of 6 engineers to construct a web app for nonprofits to share resources.
- Building a React frontend and NestJS (Node) + Postgres backend for a responsive UI with server-side rendering.
- Learning TypeScript and NestJS while working on backend and full-stack tickets.
- Gaining experience making pull requests on GitHub and pair coding during our 2-week sprints.

#### Product Photographer

*Case-Mate*

Atlanta, GA

06/2020 - 07/2021

- Ran a high-volume, on-site studio to produce and maintain a database with thousands of images.
- Managed ambiguity arising from tight deadlines while working on multiple simultaneous projects with evolving scope.
- Revamped a workflow for consistent results and assembled dozens of Photoshop actions to automate production.
- Collaborated with CAD engineers on CG renderings for photo-compositing when product samples were not available.
- Produced over 1000 images seasonally for new Apple and Samsung phone model releases. These images were produced for 4 internal teams and 13 retail partnerships including AT&T, Verizon, and Amazon.

#### Freelance Photographer & Digital Tech

*Pat Hart Photo LLC* | [pathartphoto.com](#)

Atlanta, GA

01/2014 - 02/2022

- Delivered creative assets to more than 30 clients while working both independently and with a variety of crews.
- Adapted quickly to unforeseen challenges and managed client expectations all while maintaining a cool and collected working environment.
- Developed an excellent reputation for quality and customer service that grew my business and maximized client retention.

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### EDUCATION

#### Flatiron School

*Full Stack Web Development, Ruby, Rails, JavaScript, and React*

New York, NY

04/2022 - 07/2022

#### Emory University

*Bachelor of Arts. Economics | Visual Arts*

Atlanta, GA

08/2008 - 05/2013