

# Luis H. Ball Jr.

Software Developer. Pittsburgh sports fanatic.

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## Projects

### iTube — *React.js video sharing platform* [live](#)[repo](#)

- Single-page video sharing app that uses AWS APIs to host videos.
- Implements React/Redux to render user content with modals to improve user experience and site reliability.
- Leverages Rails to manage site database and create polymorphic associations.

### askCarl — *Vanilla JavaScript animation showcase* [live](#)[repo](#)

- JS and CSS animation showcase where users learn animation principles.
- Custom-built physics engine renders animations using HTML canvas.
- Relies on Webpack NPM module to bundle JS files.

## Experience

### PanAmerican Post — *Media Editor*

Dec. 2017 -2018

Led team of 26 writers, editors, and programmers as part of company leadership team to grow our audience from hundreds of thousands to millions of monthly readers.

Increased conversion from search results 50% by training staff on how to make the most of SEO tools built into our content management sys.

Developed and deployed twice as fast home page and article pages that made it easier for all stakeholders to participate in the development process and customize page layouts for their needs.

Cut development costs by \$60K a year with introduction of streamlined design and deploy workflows that reduced the necessary back and forth between management and developers.

## Education

### App Academy, NY — *Fullstack Development*

Nov. 2018 - Feb. 2019

Immersive 12-week program for full-stack web development. Topics include best-coding practices, Ruby, Javascript, Rails, React/Redux, as well as algorithms and data structure.

### Carnegie Mellon University — *BS Technical Writing and Com.*

May 2012 - April 2017 - Additional Major, BA History

Prepared for designing documentation in fields involving scientific, technical, and computer-related innovations.

**Coursework:** Software Documentation - Mobile Robot Design - 15-112: Fundamentals of Programming

## Links

[Github](#)

[LinkedIn](#)

## Skills

JavaScript

- React.js

- Redux.js

Ruby

- Ruby on Rails

HTML

CSS

SQL

- PostgreSQL

- SQLite

Python

Git

## Leadership

**Field Robotics Center:** Aided legendary roboticist Red Whittaker in quest to place Andy lunar rover as Google XPrize winner.

**HeadSmart Labs:** Filmed company's 'deflate gate' analysis featured on the Today Show.

**PDT, Chapter President 2016:** Led organization of over 100 members with \$100K budget

## Languages

English. Spanish. French.