

# Aaron Kaplowitz

Software Engineer

[akaplo.github.io](https://akaplo.github.io)

[github.com/akaplo](https://github.com/akaplo)

e: [akaplowitz@umass.edu](mailto:akaplowitz@umass.edu)

c: 781-733-3094

21 Mayflower Road, Pembroke, MA

---

## Education

University of Massachusetts Amherst  
Bachelor of Science in Computer Science

May 2017

---

## Work Experience

### Software Engineering Co-op

June 2016 – August 2016

Lutron Electronics (Coopersburg, PA)

- Design and implement a major feature addition to Lutron's smart home Android app
- Improve future workflow by converting commonly replicated features into reusable libraries
- Ensure a consistent user experience across Lutron's apps by leading design reviews and performing UI testing with owners of Lutron's residential systems

### Web Developer

September 2015 - Present

UMass Transit Services / PVTa (Amherst, MA)

- Spearhead and lead development of an open source mobile app for all PVTa passengers
- Use my experience as a Class B CDL operator to develop open source Ruby on Rails apps that provide for the unique needs of a student-run bus company

### Information Technology Intern

June 2013 – January 2015

FMC Ice Sports (Pembroke, MA)

- Participate in strategic IT planning while acting as the main support contact for all employees
  - Improve efficiency at all 25 locations by deploying a company-wide point-of-sale system to replace standard cash registers
- 

## Notable Projects

*pvt-a-multiplatform* - The app for your PVTa ride!

November 2015 – Present

- Relies on a REST API and location services to help passengers find their next bus
- Built in Ionic/Cordova for consistency and reusability across multiple platforms
- Uses Sass theming and agency-agnostic code so that other agencies can adopt it effortlessly

*Molecular Playground* – A web app for interacting with our world!

January 2016 – May 2016

- Enables users to create and instantly share animated molecules with others across the globe
- Replaces single-user, Mac-only app with a website while including support for Kinect gestures
- Built in Docker containers as microservices for plug-and-play feature addition

*FoundIt* - The new way to find your lost items!

September 2015 – December 2015

- A simple, fluid web app built in Express, Bootstrap, and ElephantSql
  - Uses shortened URLs and profile pages to help a "finder" find and contact owners
- 

## Select Environments/Frameworks

- Angular, Bash, Express, Git, iOS, Jira, macOS, Node, Rails, Unix, Windows