

Aaron Kaplowitz

Software Engineer

akaplo.github.io

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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 two major feature additions to Lutron's Android app
- Simplify the sprawling codebase by splitting portions into smaller libraries
- Contribute to daily scrums and work closely with onshore and offshore developers to ensure consistency between Android and iOS apps

Web Developer

September 2015 - Present

UMass Transit Services / PVTa (Amherst, MA)

- Enhance large and small Ruby on Rails projects by using Test Driven Development to design, build, test, and deploy new features and bug fixes
- Spearhead and lead development on an open source app for real-time bus tracking
- Collaborate with the 9-person team by Pair Programming and holding weekly code reviews

Information Technology Intern

June 2013 – January 2015

Facility Management Corporation (Pembroke, MA)

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

pvt-a-multiplatform - A mobile app for real-time bus info

November 2015 – Present

- Relies on REST endpoints and location services to help passengers catch their bus
- Built in Ionic for a fluid iOS, Android, and web experience
- Successfully pitched to PVTa administrators as a modern replacement to the current app
- Includes only 1 line of PVTa-specific 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 share animated molecules with anyone instantly
 - Replaces single-user, Mac-only app while maintaining support for unconventional input devices, like the gesture-sensing Kinect
 - Built inside Docker containers as microservices for easy feature addition and removal
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Select Environments/Frameworks

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