Aaron Kaplowitz
Software Engineer

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Boston, MA

University of Massachusetts Amherst   **May 2017**
Bachelor of Science in Computer Science   3.8 GPA

Work Experience

Senior Software Engineer   July 2017 – Present

VMware Carbon Black (Boston, MA and Remote)

- Lead UI development for CB's cloud Endpoint Detection and Response offering
  - Expose search and threat monitoring capabilities that enable efficient incident response and precise visibility into customer networks
  - Consult with UX, Product, and Customer teams to ensure we equitably serve a broad userbase, which ranges from non-technical administrators to nation-state trained cybersecurity specialists
- Implement SaaS deployment model in the UI; increase release cadence from quarterly to biweekly while improving pipeline visibility and reliability
- Assist building and supporting cloud-EDR data ingress and distributed search infrastructure, which receives data from millions of endpoints daily and operates on a petabyte scale
- Cultivate positive environment by managing culture initiative and acting as office administrator
- Advocate for increased hiring of women and minorities in engineering roles
- Serve on leadership team to plan and execute quarterly CB-wide Hackathons

Student Software Engineer   September 2015 – June 2017

Pioneer Valley Transit Authority (Amherst, MA)

- Spearhead and lead development on the PVTA's official app for real-time bus tracking (below)
- Enhance a broad suite of agency and passenger facing projects by using strict test-driven development to design, build, and deploy code
- Operate PVTA mass transit bus service and apply knowledge gained to improve experience of staff and passengers through software

Software Engineering Intern   June 2016 – August 2016

Lutron Electronics (Coopersburg, PA)

- Design and implement the first location-aware smart home capabilities in Lutron's app; meet with internal and external stakeholders to refine design and implementation
- Collaborate across functional areas and continents to ensure consistency between Android and iOS apps

Notable Project

pvtrack (○ umts/pvta-multiplatform)   **November 2015 – June 2017**

- Student-built, agency-agnostic web/mobile app for live departure estimates and trip planning
- Used by 20,000+ PVTA bus passengers prior to deprecation in August 2019
- Serves passengers as a modern, accessible replacement to a vendor's unmaintained solution