

# Aaron Kaplowitz

## Software Engineer

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**Objective:** Seeking a software development internship for summer 2016. I'm searching for a challenging position where I can apply and broaden the skills I've obtained through my junior year.

Education	<b>University of Massachusetts Amherst</b> <span>May 2017</span> Bachelor of Science in Computer Science <ul style="list-style-type: none"><li>GPA: 3.7</li></ul>
Work Experience	<b>Software Developer</b> <span>September 2015 - Present</span> UMass Transit / PVTa (Amherst, MA) <ul style="list-style-type: none"><li>Add features and fix bugs in Transit's master website, which handles all employees and vehicles, using Ruby on Rails</li><li>Implement system-wide unit testing to maintain 100% testing coverage</li><li>Program in pairs and as individuals, participate in weekly code reviews, and share/manage code using Github</li></ul> <b>Computer Science Course Grader</b> <span>January 2014 - Present</span> UMass Amherst School of Computer Science (Amherst, MA) <ul style="list-style-type: none"><li>Distribute and grade CS coursework as part of a team of 7 undergraduates</li><li>Course topics include HTML, scripting, UNIX, and network infrastructure</li></ul> <b>Resident Assistant</b> <span>December 2014 – June 2015</span> UMass Amherst Residential Life (Amherst, MA) <ul style="list-style-type: none"><li>Provide weekly programs &amp; counseling for freshmen on a limited budget</li><li>Form complex friend/authority figure relationships with residents as live-in staff member</li></ul> <b>Information Technology Intern</b> <span>June 2013 – January 2015</span> Facility Management Corporation (Pembroke, MA) <ul style="list-style-type: none"><li>Plan long term IT projects with senior management while giving on-location helpdesk-style support to 300+ employees</li><li>Help plan, execute, and troubleshoot rollout of company-wide point of sale systems</li></ul>
Notable Projects	<b><i>Inverted Indexer (Scala, Command Line)</i></b> <span>April 2015</span> A "mini Google." <ul style="list-style-type: none"><li>Uses H2 databases, Akka, and JSoup to "crawl" webpages asynchronously</li><li>Associates all words with pages for easy SQL searches</li></ul> <b><i>Bullshit (Java, Android App)</i></b> <span>Winter 2015</span> Emulates the card game "Bullshit," where players lie to in order empty their hand. <ul style="list-style-type: none"><li>Includes centralized card-game engine, easily scalable to other games</li></ul>
Languages and Software	<b>Languages</b> <ul style="list-style-type: none"><li>Bash, Batch, C, C#, C++, HTML/CSS, Java, JavaScript, Ruby, Scala, SQL, Swift</li></ul> <b>Programming Environments / Other</b> <ul style="list-style-type: none"><li>Android, command line (all platforms), Express, Git, iOS, JSON, Mac OS, Node.js, Rails, testing, Unix, Windows, XML/XAML</li></ul>