Aaron Hammond
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Education

- **Massachusetts Institute of Technology**, Class of 2017, with a major in Computer Science. Cumulative GPA: 4.8. Technical GPA: 5.0.
- **Worcester Polytechnic Institute**, August 2012 – May 2013. Coursework in program design and object-oriented and systems programming. Cumulative GPA: 4.0.

Work Experience

- **Bridj – Data Science and Engineering Intern**. August 2014 – present. Duties include internal web tools development with Flask and data instrumentation and analysis with MongoDB.
- **MongoDB – Software Engineering Intern**. May-August 2014. Duties included feature development for the MongoDB Management System. The project had a Java EE back end and a Bootstrapped front end on top of Backbone and Marionette.
- **MIT Brain and Cognitive Science Department (Seung Lab) – Undergraduate Researcher**. September 2013 – May 2014. Duties included feature development for Eyewire.org, a citizen science game to map the brain. The project had a PHP back end and a homebrewed JavaScript front end.
- **Litle & Co. – Software Engineering Intern.** May-August 2013. Duties included development of highly performant XML-based SDKs and the prototyping of a REST-based replacement for the company's data ingestion system.
- **Checkerboard, Ltd.** – **Software Engineering Intern.** June 2012 – March 2013. Duties included feature development on EasyInvite.com. The project had a Java EE back end and a front end driven by ExtJS and JSP.

Technical Expertise

- Agile and XP-based software development, with professional experience in test-driven development and continuous integration
- Front end web development with Backbone and Marionette, jQuery, ExtJS, Bootstrap, JSP, HTML5, Less, Grunt, and Bower
- Back end web development with NodeJS, Flask, Sinatra, Rails, PHP, and Java EE
- Database design and development in SQL and Redis and extensive experience with MongoDB
- Programming in Java, Javascript, Ruby, PHP, Python, C, and Apex (Salesforce)

Selected Personal Projects (Source Available on Github)

- **anam.io** – an automatic backup service for GitHub repos. With every push to a selected repo, the codebase is saved and uploaded to Amazon s3, where it can be accessed easily in the case of a GitHub outage. Powered by Sinatra on the back end. http://anam.io
- **cherry-ripe** – chat rooms for the super paranoid, both the content and intended recipients of messages are indecipherable by all third-party observers. Powered with NodeJS, socket.io, and Redis. https://cherry-ripe.heroku.com