

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 tools development and data instrumentation and analysis.
- **MongoDB – Software Engineering Intern.** May-August 2014. Duties included feature development for the MongoDB Management System.
- **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.
- **Little & 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 payment processing.
- **Checkerboard, Ltd. – Software Engineering Intern.** June 2012 – March 2013. Duties included feature development on EasyInvite.com.

Technical Expertise

- Agile and XP-based software development, with professional experience in test-driven development and continuous integration.
- Frontend web development with Backbone and Marionette, jQuery, ExtJS, Bootstrap, JSP, and several charting libraries.
- Backend 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 backend. <http://anam.io>
- **shmaiku** – a brief experiment in crowd sourced haiku. Built on a pure-Javascript stack, the project leverages principally the MeteorJS framework. <http://shmaiku.meteor.com>
- **cherry-ripe** – chat rooms for the super paranoid, both the content and intended recipients of messages are invisible to all third-party observers. Powered with NodeJS, socket.io, and Redis. <https://cherry-ripe.herokuapp.com>