

Adam B. Goldstein

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Software engineer with MS in CS, 5+ years experience

EDUCATION

Worcester Polytechnic Institute

Fall 2009 - Spring 2011

MS in Computer Science

- Conducted and published Educational Data Mining and Artificial Intelligence in Education research with Java and Weka.
 - Detecting the Moment of Learning. *Intelligent Tutoring Systems*, 10, 26-35
 - Pinpointing Learning Moments. *Educational Data Mining*
 - Detecting Learning Moment-by-Moment. *International Journal of Artificial Intelligence in Education*, 21 (1-2), 5-25.
- Awarded NSF GK-12 PIMSE Fellowship to be a teacher and scientist in the classroom for Worcester, MA middle schools.
- Awarded best oral presentation, nominated best paper at ITS 2010.

Brandeis University

Fall 2005 - Spring 2009

BA in Computer Science, East Asian Studies

- Programmed in Perl and TCL for workstudy with the Web and Middleware Development Group 2005-2009.
- Presented at the 2009 Boston Japanese Speech Contest (ボストン近郊日本語スピーチ発表会).
- Programmed in Java for SIP Communicator for the 2007 Google Summer of Code.
- Studied abroad in Kyoto, Japan as part of KCJS 2007-2008.
- Played Men's Varsity Soccer.

SKILLS

Languages

Ruby, Javascript (CoffeeScript), Java

Web technologies

Rails, Node, redis, CSS (Sass), git, AWS/Heroku, MySQL/PostgreSQL, MongoDB

EXPERIENCE

Managing Engineer

MeYou Health, Boston MA

January 2015 - January 2016

- Managed 7 engineers across multiple products and disciplines.
- Reviewed 15five reports and ran 1-1s. Listened to ideas/concerns, shared knowledge, facilitated process, and encouraged professional development.
- Continued all Rails Engineer responsibilities. Transitioned Well-Being Tracker to function like a Health Risk Assessment. Took on bi-weekly PagerDuty and coordinated DevOps concerns with Well-Being Tracker.

Rails Engineer

MeYou Health, Boston MA

May 2013 - January 2015

- Programmed in Ruby on Rails and Javascript for digital well-being interventions including Daily Challenge, Walkadoo, and Well-Being Tracker.
- Created and launched Well-Being Tracker. Split a Backbone.js driven well-being assessment into multiple ruby gems. Implemented RESTful APIs, integrated with RESTful and SOAP APIs for employer sponsored incentives.
- Created and launched a dedicated research application to validate effect of our interventions. Enabled the randomized controlled trial of Walkadoo, which was published in the Journal of Medical Internet Research.
- Practiced BDD/TDD with CI and CD; aware of even more acronyms. Reviewed and replied to pull requests. Collaborated as a product team in design reviews, pair programmed across teams.

Senior Software Systems Engineer

MITRE, Bedford MA

May 2011 - April 2013

- Programmed in Ruby on Rails for ONC funded OSS healthcare projects, including hQuery, Cypress, and popHealth.
- Wrote CoffeeScript to automatically generate executable JavaScript as MapReduce jobs via MongoDB.
- Worked as technical lead for hReader, a research driven OSS iPad app for securely managing health history.
- Created and maintained several demo servers via AWS and Heroku.
- Programmed in C a multi-threaded daemon that polls for datagrams and responds with Gnome Keyring data.
- Volunteered under the Civic Duty program to run a programming club at a local Watertown, MA high school.

Senior Developer, Research Assistant

ASSISTments, Worcester MA

September 2009 - May 2011

- Developed in Rails for ASSISTments, an Intelligent Tutoring System.
- Implemented Bayesian Knowledge Tracing in Ruby and JavaScript.
- Improved precision of logging to sync observing researchers' Android app.
- Managed a lab of undergraduates, including 2 content builders and 6 programmers. Assisted with initial designs, mock-ups, and testing.