

Ben Weeks
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Charlestown, MA 02129

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Github itsbenweeks

Work Experience

Constant Contact, WebServices

Boston, MA

Software Engineer - *November 2016 - Present*

- Sustain Java-based APIs in a growing infrastructure for hundreds of thousands of users.
- Develop new APIs to allow for modular integrations to Constant Contact's services.
- Use AWS Lambda serverless technology to enable services at least cost to company.
- Manage SSO integrations for partners across the country.

Massachusetts Institute of Technology, Office of Digital Learning

Boston, MA

Educational Technologist - *July 2013- October 2016*

- Developed best technical practices for a burgeoning digital learning department.
- Wrote OpenEdX courseware in Python and XML for instructors across many disciplines.
- Managed hundreds of courses through Git version control software.
- Trained MIT staff and faculty in best practices for using OpenEdX in the classroom.
- Designed integrations in HTML5 to complete unique learning objectives in STEM education.
- Provided course staff with metrics to determine efficacy of implemented courseware.

Harmonix Music Systems

Cambridge, MA

IT Coordinator - *August 2008–November 2009*

- Distributed work requests among technical team.
- Fulfilled employee hardware requests in accordance with departmental budgetary concerns.
- Developed web-based inventory management system.

Harvard Law School, Berkman Center for Internet & Society

Cambridge, MA

Junior Web Developer – StopBadware.org - *August 2006–August 2008*

- Managed intern team in applying consistent investigative metrics for web security.
- Maintained web front end for a community driven web security service effort.
- Constructed and modified software and website guidelines for consumer needs.

Projects

12.340x: Global Warming Science - *Spring 2015*

- Deployed FORTRAN Weather Simulation for use in a weather simulation.
- Used AWS to architect load balanced infrastructure for surge usage.

7.QBWx: Quantitative Biology Workshop - *Spring 2016*

- Simulated genetic dataset querying in a python codejail.

8.EFTx: Effective Field Theory - *Spring 2016*

- Managed dynamic grading of numerically derived answers for graduate physics coursework.
- Generated assessment rubrics for peer submitted and graded system for thousands.

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Education

Boston University

Boston, MA

B.S. in Computer Science - *September 2014 – August 2016*

-Cum Laude

-Dean's List 2014-15

Bunker Hill Community College

Boston, MA

A.S. in Biology - *September 2010 – May 2013*

-Dean's List 2010-12