Ben Weeks

31 Mt Vernon Park
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Cell (617) 858-4256
E-Mail ben@itsbenweeks.com
Github itsbenweeks

Work Experience

Constant Contact, WebServices   Boston, MA
Software Engineer - *November 2016 – Present*

-Sustaining Java, Spring and Hibernate-based APIs in a growing infrastructure for hundreds of thousands of users.

-Developing software in AWS's Lambda framework for performant, RESTful APIs that allow for modular integrations to Constant Contact's services.

-Authoring and implementing REST Standards body for company-wide APIs.

-Designing comprehensive user scoping in tandem with security and systems teams.

-Building automated jobs using Jenkins DSL to cover testing and deployment of services.

-Managing testing and code-generating tools utilizing OpenAPI specifications.

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.

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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.

Education

Boston University   *Boston, MA*

B.S. in Computer Science - *August 2016*
-GPA 3.5

-Cum Laude

-Dean's List 2014-15