Sarina Canelake

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Community focused software engineer with extensive experience acting as product owner for a complex open source platform.

WORK EXPERIENCE

Software Engineer, edX

July 2012 – present, Cambridge, MA

- Product owner for Open Source team, a position requiring strong technical proficiency as well as communication and organizational skills to facilitate working with teams located worldwide

- Product owner and tech lead for internationalization and localization efforts

- Scrum master for Open Source team, building competencies in leadership and JIRA software

- Software engineer embedded in small LMS team, building out core platform software and technologies, including rearchitecting database keys, bulk emailer, and various learning tools

Software Engineer, Oracle

January - July 2012, Austin, TX

- Investigated bugs and race conditions in PCIe driver software.

Teaching Assistant and Course Instructor, MIT

August 2009 – December 2011, Cambridge, MA

- Led lectures and designed curriculum for Introduction to Python course (6.189)

- Hired and managed staff of 15 teaching assistants for Python course (6.189)

- Led recitations, graded papers, assisted with problem set and exam design, and held office/lab hours for undergraduate level Python and Computer Architecture courses (6.00, 6.01, 6.004)

EDUCATION

Massachusetts Institute of Technology

S.B. in Computer Science and Mathematics, 2011

HIGHLIGHTS

- Led the effort to localize the edX platform into multiple languages to help edX reach **5 million learners**

- Evaluated over **500 features** proposed by open source contributors to the edX platform codebase

PRESENTATIONS

Internationalization and Localization in Django, PyCon US 2015
https://www.youtube.com/watch?v=UOOMFGURr5I

Contributing to Open edX, Open edX Con 2015
https://www.youtube.com/watch?v=48-hLRGvOus

SKILLS

- Python, Django, JIRA, Github, SVN, Linux, Mac

- Product Management, Project Management, Scrum, Kanban

- Internationalization and Localization

- Familiarity with C, Javascript, HTML, CSS & Sass, SQL