

Emily Lu

CONTACT INFORMATION

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EDUCATION

Boston College, Chestnut Hill, MA USA **September, 2013 - Present**
B.S. Computer Science, Minor in Biology (expected graduation date: May 2017)
Computer Science Courses: CS101(Python), CS102(Java), Logic and Computation, Cryptography, Randomness and Computation, Computer Systems, Computer Organization, Computer Algorithms
Machine Learning
Math Courses: Multivariable Calculus, Abstract Algebra, Complex Analysis

University of Hong Kong, Hong Kong, HK **January - May, 2016**
Computer Science Courses: Quantum Computation, Programming Technologies and Tools

HONORS AND AWARDS

Boston College Arts and Sciences Honors Program
Boston College Dean's List
Sept 2013 - May 2015 The University of Hong Kong Museum Society Chinese Material Essay Nomination

WORK EXPERIENCE

Hubspot, Cambridge, MA USA **June - August, 2016**
Software Engineering Intern
Intern on backend email services. Work included extensive use and designing of APIs and DAO interfaces, running liquibase migrations, writing unit/integration tests with Mockito and building Kafka workers. Built consumer facing Jade templates and shifted backend email sending logic from CoffeeScript to Java. Used Apache Hadoop MapReduce to analyze email data, such as clicks per email portal and campaign. Languages included primarily Java and SQL.

Wayfair, Boston, MA USA **June - August, 2015**
Software Engineering Intern
Worked on a full stack project that consisted of designing and populating a pricing model. Model accepted dynamic user input to generate a panel of detailed financial predictions for customers considering use of Wayfair's in-house storage facilities. Back-end was written in SQL and PHP, and front end in Javascript, HTML/CSS and Backbone.js

GENEX Services Inc., King of Prussia, PA USA **June - August, 2014**
Software Engineering Intern
Wrote and implemented procedures and functions within Oracle PL/SQL packages for senior management and engineers. Consolidated company information by creating and updating SQL tables.

Boston College, Chestnut Hill MA, USA **September, 2014 - Present**
Teaching Assistant
Duties included leading weekly Python labs, office hours for Python and Logic and Computation courses, and grading homework.

LEADERSHIP AND SERVICE

Boston College Women in Computer Science **September, 2016 - June, 2017**
Co-President

Boston College Hawaii Club **September, 2013 - Present**
Event Coordinator
Responsibilities include hosting annual Luau culture show and bringing guest speakers, such as Daniel Dae Kim.

Programming Languages

- Very Proficient: Java, Python, SQL
- Proficient: HTML, JavaScript, CSS, Latex
- Developing: C, C++, Bash
- Human: English (native), Chinese (native), French (fluent)