

# Emily Lu

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## 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 University of Hong Kong Museum Society Chinese Material Art Essay Winner

## 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)