

# Elizabeth Hau

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## EDUCATION

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2012—May 2016 **WELLESLEY COLLEGE**, Wellesley, MA  
Candidate for BA in Computer Science. GPA: 3.74/4.00. Major GPA: 3.92.  
Coursework: data structures, machine organization, fundamental algorithms, databases with web interfaces, computer graphics, theory of programming languages, artificial intelligence, computational biology, linear algebra, number theory, differential equations, combinatorics & graph theory, abstract algebra.

## WORK EXPERIENCE

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Summer 2015 **Amazon, Software Development Engineer Intern** (Seattle, WA)

- Added a customer-facing feature to Amazon Instant Video's recommender system
- Built a feature that recommends titles based on user's viewing history and provides more contextual recommendations
- Improved new hire onboarding efficiency by updating the team's new hire boot camp

2014 – Present **Wellesley College Math Department, Supplemental Instructor & Grader**

- Supplemental Instructor – attend all class sessions, create worksheets based on materials taught in class, conduct review sessions twice a week, and hold office hours for 50 students taking Combinatorics and Graph Theory
- Grader – assist designated professor in grading assignments and communicate with the professor about students' progress

Fall 2015 **Wellesley College Computer Science Department, Teaching Assistant**

- Hold drop-in hours and grade assignments for 24 students taking fundamental algorithms

Spring 2015 **JrCode, Teaching Assistant** (Wellesley, MA)

- Worked with eighteen students in second and third grade and introduced them to computer science and programming through interactive stories, games, and animations

Summer 2014 **Girls Who Code, Teaching Assistant** (Seattle, WA)

- Assisted the instruction of the Girls Who Code computer science curriculum to twenty high school girls
- Supported teacher in classroom management, lecture, and discussions
- Identified students' weaknesses and provided one-on-one support as needed
- *Technologies used:* Python, JavaScript, HTML, CSS, jQuery, ProcessingJS, Scratch

## PROJECT HIGHLIGHTS

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2014 – 2015 **Housing System for Wellesley College**

- Built a program to automate the Housing department's process of sorting 2000 students into their residence halls for the following academic year

## EXTRACURRICULARS

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2012 – 2014 **Wellesley College Crew**

- First place – Seven Sisters Championships 2013 & 2014, 2013 NEWMAC Rowing Champions
- Devoted at least 27 hours a week to practices, workouts, and regattas

## SKILLS AND BACKGROUND

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Skills: proficient—Java; intermediate—Python, JavaScript; beginner – MySQL, HTML, CSS, PHP, Swift  
Languages: fluent in English and Chinese (Mandarin)