

Amanda Foun

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Education

Wellesley College; Wellesley, MA

September 2013-Present

Bachelor of Arts, Computer Science; Minor in Mathematics, May 2017

GPA: 3.76

Relevant Coursework: Data Structures, Combinatorics and Graph Theory, Human Computer Interaction, Computer Programming and Problem Solving, Linear Algebra, Probability and Elementary Statistics, Multivariable Calculus, Algorithms (in progress using Coursera).

Technical Skills

- Proficient: Java, Python, HTML, CSS
- Knowledgeable: Javascript
- Basic: R, Ruby on Rails

Experience

Researcher, Visualizing Education Data with Professor Eni Mustafaraj

May 2015-Present

Department of Computer Science; Wellesley, MA

- Write Python code to organize and sort JSON files containing data from edX courses.
- Use Gmail API to gather all messages sent in Wellesley's CS111 Google Group from Spring 2015.
- Visualize the data using pie charts, donut charts and heat maps with Bokeh.

Computer Science Tutor

January 2015-Present

Department of Computer Science; Wellesley, MA

- Grade problem sets for the introductory computer programming course.
- Hold evening drop-in hours once a week to assist students with problem sets.
- Help students with programming problems in Python during weekly lab.

Course Grader

September 2014-December 2014

Department of Mathematics; Wellesley, MA

- Graded weekly assignments for Calculus II.

Activities

Robogals; Wellesley, MA

January 2015-Present

Partnerships Manager

May 2015-Present

- Run workshops to teach girls how to program using Scratch and littleBits.
- Speak with tech companies and schools to ask for sponsorship for workshops.

Wellesley Hackathon Committee; Wellesley, MA

May 2015-Present

Outreach and Publicity Chair

- Create poster design for Wellesley College's annual Fall hackathon.
- Speak with tech companies and schools to ask for sponsorship for the hackathon.

Codestellation: Brandeis University Hackathon; Waltham, MA

March 2015

- Team won first place.
- Project code can be accessed here: <https://github.com/sunnyyy/ThoughtCloud>