

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), Machine Organization (in progress), Computer Networks (in progress) .

Technical Skills

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

Experience

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.

Mathematics Course Grader

September 2014-Present

Department of Mathematics; Wellesley, MA

- Grade weekly assignments for Calculus II.

Researcher, Visualizing Education Data with Professor Eni Mustafaraj

May 2015-August 2015

Department of Computer Science; Wellesley, MA

- Analyzed the video watching behavior of approximately 7000 students from an edX course.
- Wrote Python code to organize and sort JSON files containing student click-level interaction data.
- Used YouTube API to retrieve video transcripts.
- Visualized the data using pie charts, histograms and line graphs with Bokeh.

Activities and Awards

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 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.
- Reach out to other schools and encourage students to come to 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>