Emma Lurie

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linkedin.com/in/emmalurie

Education

Wellesley College, Wellesley, MA   Expected Graduation May 2019
  Candidate for Bachelor of Arts; GPA: 3.63/4.00; Major GPA: 3.71/4.00
  Major: Computer Science; with coursework in Chinese language and culture, statistics, data mining, machine learning, networks, and programming languages.

Experience

Wellesley College Computer Science Department, Wellesley, MA
Research Assistant- CRED Lab with Prof. Eni Mustafaraj   Aug. 2017- Present
- Create and analyze user studies to assess individuals' web literacy skills.
- Develop and maintain scripts that scrape and monitor Google search results pages.
- Write and research articles concerning online misinformation.

Computer Programming and Problem Solving Tutor and Peer Mentor   Sept. 2016- Dec. 2017
- Facilitate weekly question and answer sessions covering topics ranging from problem solving techniques to best practices for code style.
- Explain foundational programming concepts (object oriented design, recursion) in accessible language.
- Lead discussion group and provide mentorship for students with an interest in computer science

Research Assistant- Hess Fellow Sravana Reddy   Jan. 2017 - May 2017
- Research native language's effect on code stylometry in visual programming environment by leveraging Python sklearn library to apply machine learning techniques.

MIT Political Science Department, Cambridge, MA   Sept. 2017- Present
MIT Election Data and Science Lab, Undergraduate Researcher
- Develop scraping scripts for precinct level election data.
- Programmatically standardize election data formatting using R and Python.
- Monitored and reported on Virginia's 2017 gubernatorial race.

Wellesley College Summer Research Program, Wellesley, MA   Summer 2017
Computer Science Undergraduate Researcher
- Created web scraping scripts to collect large amounts of web advertising data.
- Leveraged data science and machine learning techniques to analyze the intersection of online misinformation and advertising.

Girls Who Code, Cambridge, MA   Summer 2016
Summer Immersion Program Teaching Assistant
- Co-taught six programming languages over seven weeks including Python and HTML/CSS/JavaScript to 20 high school girls.
- Created lesson plans and problem sets for struggling students.

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Robogals, Wellesley, MA   Sept. 2015 - May 2017
Volunteer, Co-Training Manager

- Updated and modified a curriculum focused on building computational thinking skills and inspiring enthusiasm for engineering.
- Managed and trained 40 student volunteers.

Skills

- English (native), Mandarin Chinese (mid-advanced)
- Programming Languages: Python, Java, R, Racket, Standard ML, HTML/CSS/JavaScript

Awards

- 2018 Albright Institute Fellow
- Best Poster at Carnegie Mellon's OurCS 2017 for "Stop Falling for Fake News"
- Best Computer Science Poster at Wellesley Summer Research Program Summer 2017
- 1st place at the Spring 2017 Wellesley Hackathon- coded backend in JavaScript, created web app to empower women to better negotiate salaries
- 2015 Adam Smith Fellow- fellowship culminated in presentation on 21st century Educational Technology Shortcomings
- #HackHarassment winner at Fall 2016 Wellesley Hackathon- created Chrome extension to fight online harassment