

MeiXing Dong

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Education

Ph.D. Pre-candidate in Computer Science Sept. 2015 - Present
University of Michigan - Ann Arbor, Ann Arbor, MI
GPA 3.9/4.0

B.S. in Computer Science Sept. 2011 - May 2015
Rensselaer Polytechnic Institute, Troy, NY
GPA 3.9/4.0

Skills

Programming Languages: C++ (5 yrs), Python (4 yrs), Java (3 mths), C# (3 mths)
Operating Systems: Windows, Linux (Ubuntu), Mac (OSX)
Software Development Methods: Agile/Scrum

Experience

Graduate Research Assistant - Natural Language Processing Present
Primary Language: Python
Advisors: Rada Mihalcea, Dragomir Radev

Google: Software Engineering Intern - Translate Team Jun. 2015 - Aug. 2015
Primary Language: C++
Advisors: Keith Stevens, Radu Soricut

Undergraduate Researcher Feb. 2014 - May 2015
Primary Language: Python

- Investigated a classification method that uses a collection of support vectors trained on subsets of a dataset and combined using a weighted voting system. Advisor: Malik Magdon-Ismail.

Amazon.com: Software Development Engineering Intern May 2014 - Aug. 2014
Primary Language: C++

- Improved Kindle dictionary word lookup accuracy from 10% to 90% , with respect to the context of the text being read, by using natural language processing

Rensselaer Polytechnic Institute: Data Structures Teaching Assistant Jan. 2012 - May 2015

- Reinforced student understanding of class material by re-explaining lecture material to students and answering general questions during lab and office hours.
- Reinforced proper coding and debugging techniques.

Relevant Coursework

Machine and Computational Learning, Support Vector Machines, Artificial Intelligence, Advanced Topics in Computer Vision, Advanced Computer Graphics, Programming Languages, Introduction to Algorithms, Data Structures, Probability Theory, Linear Algebra, Differential Equations, Embedded Control, Electric Circuits

Leadership and Extracurricular Activities

Corporate/Social Chair, Ensemble of Computer Science Engineering Ladies Jan. 2016 - Present
Vice President, Tau Beta Pi (Engineering Honor Society) Jan. 2014 - Jan. 2015
President, Eta Kappa Nu (ECSE Honor Society) Jan. 2014 - Jan. 2015

Academic Honors

Rackham Merit Fellowship Fall 2015 - Present
RPI Founders Award of Excellence Fall 2014
Google Scholarship for the Grace Hopper Celebration of Women in Computing Fall 2014
Tau Beta Pi - Stabile Scholarship Fall 2014