

Yingping Lu

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Summary

Data science master candidate with strong analytical skills in addition to a background in applied mathematics and computer science; A quick learner, a problem solver and self-motivated; Actively seeking a summer internship 2019 in data science.

Education

University of Rochester, NY	M.S. Data Science	Aug 2018 - Dec 2019
University of Illinois Urbana-Champaign, IL		Jan 2016 - Dec 2017
B.S. Mathematics	Minor in Computer Science	GPA: 3.61/4.00 Dean's List (Fall 2017)
University of Iowa, Iowa City, IA		Aug 2013 - Dec 2015
B.S. Mathematics	B.A. Computer Science	GPA: 3.67/4.00 Dean's List (Fall 2014, Spring 2015 and Fall 2015)

Relevant Coursework and Technical Skills

Data Mining, Neural Network, Natural Language Processing, Probability and Statistics, Data Management, Abstract Algebra; Python (4 yrs), Java (1 yr), MATLAB, MySQL, SAS, Tableau, Google Analytics and Excel;

Work Experience

Research Assistant, Seismology and Computational Research Group, University of Rochester Sep 2018 – Present

- Exploring phase detection and polarization analysis of low magnitude seismicity in western Africa
- Conducting earthquake waveform database search using unsupervised machine learning and deep learning methods

Data Analyst, Department of Data Operation, Inspur CSG Group Mar - Jun 2018

- Built API and web scrapping scripts with Python that repeatedly extract information from websites
- Performed data wrangling and visualization on the correlation of school distribution and local economy
- Generated analysis report to help guide government decisions on education and the construction of public facilities

Netmath Grader and Assistant, Department of Mathematics, UIUC Jun - Aug 2016

- Graded high level math/statistics coursework for summer session on a web-based interface with Mathematica
- Collaborated with a team of faculty at weekly meeting and provided students with one-on-one tutoring

Rewards

NSF-NRT research traineeship,