

Jingxian Liu

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EDUCATION

Wheaton College, Norton, MA, Candidate for Bachelor of Arts Degree Dec 2016

- Double Majors: Mathematics, Computer Science
- *Foreign language skills*: English, Chinese (Mandarin)

TECHNICAL SKILLS

- Operating Systems: Windows 10/7/XP; MacOS X, iOS, Linux
- Programming/Scripting Language: Python, C++, Matlab, Java, R
- Experience creating and maintaining websites: HTML & CSS, PHP, Javascript
- Experience using Mac/Linux terminal
- Graphic Design Software: Solidworks
- Prototyping Platform: Arduino
- Tools: WordPress, Microsoft Office

EXPERIENCE and RESEARCH IN WHEATON COLLEGE

Technology Support, Technician Aug. 2014 - Present

- Assisted installing software onto computers for faculty and students
- Responded to trouble-shooting technical difficulties

Mathematics Department, Linear Algebra Grader Aug. 2014 - Dec. 2014

- Collaborated with professor in grading Linear Algebra homework

Web Strategy Team, Web Developer Assistant Aug. 2015 - Dec. 2015

- Assisted the web developer to fix problems for *Wheaton Wire* using WordPress
- Used google analytic to track traffic for specific Wheaton webpages

Lexomics, Research Assistant May 2015 – July 2015

- Contributed to a web-based workflow of text mining techniques for analyzing and visualizing experimental results from digitized texts and corpora
- Used JavaScript on the front-end to change the graphical interphase
- Used python on backend server
- Website: lexos.wheatoncollege.edu; Source Code: github.com/WheatonCS/Lexos

Machine Learning Project, Independent Study Aug. 2015 - Dec. 2015

- Learned basic machine learning techniques
- Applied Python and R to help investigate the conjecture of Edgar Allan Poe's, "A Dream"

Glugo App Project, In Class Project Aug. 2016 - Dec. 2016

- Led the machine learning group in the project
- Developed a machine learning algorithm using the app that predicts glucose value for Type 1 diabetes patients
- Assisted the web group and User Interface group with website frontend design and app design

CO-CURRICULAR ACTIVITIES

Wheaton College Preceptor, Norton, MA Aug. 2014 - May 2016
Peer Academic Advisor for First-Year Students

- Guide first-year student in choosing classes

Member: Computer Science Club, Supporting Wheaton's English Language Learners, Choral Aug. 2013 - Present

Interests: *Traveling, playing piano, singing, reading*