Cheng Zhang

Curriculum vitae

Education

2018 — Now **Doctor of Philosophy, Thoertical Computer Science**, *Boston University*, Boston, MA.

2014 — 2018 **Bachelor of Art, Mathematics**, *Wheaton College*, Norton, MA.
Minor in Computer Science and Economics. Major GPA: 3.9, Overall GPA: 3.84
Honors: Dean's Lists, 2014, 2015, 2016; Wheaton Fellows, 2016; Faculty-Student Research Awards, 2017; Phi Beta Kappa Graduate Scholarship, 2018; Madeleine F. Clark Wallace Mathematics Prize, 2018; Fred Kollett Prize in Mathematics & Computer Science, 2018.
Honor Thesis: King in Generalized Tournaments.

2016 — 2017 **Study Aboard, Economics**, *London School Of Economics*, London, United Kingdom.

Publications

2018 **Zhang C., Feng W., Steffens E., Landaluce A., Kleinman S., LeBlanc D. M.**, *Lexos 2017: Building Reliable Software in Python*, Conference for Computing in Small Colleges, UNH-Manchester.

Talks

2018 **Zhang C., LeBlanc D. M.**, *Lexos 2017: Building Reliable Software in Python*, Conference for Computing in Small Colleges, UNH-Manchester.

2018 **Zhang C.**, *Kings in Quasi-transitive Oriented Graph*, Wheaton Summit For Woman In STEM.

Research Projects

2017 — Now **Mathematics Honor Thesis**, *Wheaton College Mathematics Department*, Norton, MA.

Studies kings in generalization of tournament, with a special focus on quasi-transitive oriented graph.

2015 — 2018 **Software Leader**, *Lexomics Research Group, Wheaton College*, Norton, MA.
- Lead the development of Lexos, a web app for text analysis workflow.
- Help the team to adopt modern software development paradigm and workflow.
- Designed a new architecture and a new python style guide for the project.

Skills

Program-ming Languages Experienced in Python and Powershell. Familiar with Haskell, F#, Coq, TypeScript, JavaScript and LATEX. Basic idris, Scala, Elm, C#, C++ and Java.

Languages Fluent in English, Native Speaker in Chinese.

Employment

2015 — 2018 **Student Technician**, *Wheaton College Technology Support*, Norton, MA.

First line of communication with end users.
High level of Customer Service is a major part of this position.
Experienced with computer hardware and software.

2017 — 2018 **Math CS Grader**, *Wheaton College Department of Mathematics*, Norton, MA.

Grade the homework on theory of probability, and send the data analysis (grade distribution and error reason distribution) of the homework back to the professor every week.