Cheng Zhang

Curriculum vitae

▬▬▬ Education

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

2014 — 2018 **Bachelor of Art, Mathematics**, *magna cum laude; with department honor*, Wheaton College, Norton, MA.

Minor in Computer Science and Economics. Major GPA: 3.9, Overall GPA: 3.84
Honors and Fellowships: Dean's Lists, 2014, 2015, 2016, 2017, 2018; Wheaton Fellows, 2016; Faculty-Student Research Awards, 2017
Honor Thesis: King in Generalized Tournaments.

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

▬▬▬ Honors

2018 — Now A member of Phi Beta Kappa.

2018 Madeleine F. Clark Wallace Mathematics Prize.
Fred Kollett Prize in Mathematics & Computer Science.
Phi Beta Kappa Graduate Scholarship.

▬▬▬ 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 — 2018   **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

Programming 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.