

# Cheng Zhang

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## 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.

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## 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.

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## Skills

Programming Experienced in Python and Powershell. Familiar with Haskell, F#, Coq, Type-Languages Script, JavaScript and  $\text{\LaTeX}$ . Basic idris, Scala, Elm, C#, C++ and Java.

Languages Fluent in English, Native Speaker in Chinese.

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## 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.