

# Cheng Zhang

## Resume for Wheaton Graduate Fellowship

### Education

- 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 List (for all the 6 semesters), Wheaton Fellow, Faculty Student Grant.
- 2016 — 2017 **Study Aboard, Economics**, *London School Of Economics*, London, United Kingdom.

### Publication and Talks

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

### Research Projects

- 2017 — Now **Mathematics Honor Thesis**, *Wheaton College Department of Mathematics*, 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.

### Experience

- 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.
- 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.
- 2016 — 2016 **Independent Mathematics Research**, *Wheaton College Department of Mathematics*, Norton, MA.  
Work with Prof. Leibowitz on the topic of Divisibility Graph. Found a way to construct prime divisibility graph directly, and a way to construct arbitrary divisibility graph based on its factors.

### Skills

- Programming Languages Experienced in Python and Powershell. Familiar with Haskell, F#, Coq, TypeScript, JavaScript and L<sup>A</sup>T<sub>E</sub>X. Basic idris, Scala, Elm, C#, C++ and Java.
- Languages Fluent in English, Native Speaker in Chinese.