

Cheng Zhang

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Education	<p>Wheaton College, Norton, MA Sep. 2014 - Present</p> <p>CANDIDATE FOR BACHELOR OF ART, EXPECTED MAY 2018</p> <p>Major in Mathematics, Minor in Computer Science and Economics</p> <p>Major GPA: 3.9, General GPA: 3.84</p> <p>Honors: Dean's List (for all the 4 semesters), Wheaton Fellow, Faculty Student Grant.</p> <p>London School Of Economics, London, England Sep. 2016 - Jun. 2017</p> <p>STUDY ABOARD</p> <p>Completed course work: EC221 Principles of Econometrics, EC202 Microeconomic Principles II, MA300 Game Theory, MA211 Algebra and Number Theory, MA315 Algebra and its Applications</p>
Publications	<p>Zhang, C., LeBlanc, M. D., Kleinman, S., Feng, W., Steffens, E., Landaluce, d. A., <i>(in peer review)</i> "Lexos 2017: Building Reliable Software in Python" <i>CCSCNE 2018 – Conference for Computing in Small Colleges, UNH-Manchester, April 2018</i></p>
Skills	<p>Programming Languages</p> <p>Experienced in Python and Powershell.</p> <p>Familiar with Haskell, F#, Coq, TypeScript, JavaScript and \LaTeX.</p> <p>Basic idris, Scala, Elm, C#, C++ and Java.</p> <p>Languages</p> <p>Fluent in English, Native Speaker in Chinese</p>
Experiences	<p>Software Leader Jun. 2015 - Dec. 2017</p> <p>LEXOMICS RESEARCH GROUP, WHEATON COLLEGE, NORTON, MA</p> <ul style="list-style-type: none">- 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. <p>Independent Mathematics Research Jun. 2016 - Jul. 2016</p> <p>WHEATON COLLEGE MATHEMATICS DEPARTMENT, NORTON, MA</p> <p>Work with Prof. Leibowitz on the topic of Divisibility Graph. Found a way to construct prime divisibility graph directly, and a way to construct divisibility graph based on its factors</p> <p>Mathematics Honor Thesis Sep. 2017 - Jun. 2018</p> <p>WHEATON COLLEGE MATHEMATICS DEPARTMENT, NORTON, MA</p> <p>Research on graph tournament, inspired by King Chicken Theorem. Our Research focus on the kings behavior in improper tournaments (tournaments with ties).</p> <p>Open-source Contributor Sep. 2014 - Present</p> <p>CONTRIBUTOR TO MANY OPEN SOURCE PROJECT</p> <p>Involved in the development of Awesome-Powershell, PSGitHub. Contribute Ideas to python/typing, mypy and VSCoq. Help to provide Minor improvement to FStar and many other Projects.</p>
Projects	<p>Markdown for Academia Mar. 2017 - Apr. 2017</p> <p>AN EASY TO USE MARKUP LANGUAGE DESIGNED FOR ACADEMIC WRITING</p> <p>Semantics based on pandoc markdown, added many more feature to support academic writing.</p> <p>Can be compiled easily to HTML, PDF, \LaTeX and many other formats.</p>