

# Cheng Zhang

GITHUB Chantisnake EMAIL zcsx.ok at outlook dot com PHONE (+1)508-818-8290

Education	<p><b>Wheaton College, Norton, MA</b> Sep. 2014 - Present</p> <p>CANDIDATE FOR BACHELOR OF ART, EXPECTED MAY 2018</p> <p>Major in Mathematics, Minor in Computer Science and Economics. Major GPA: 3.9, General GPA: 3.84. Honors: Dean's List (for all the 4 semesters), Wheaton Fellow, Faculty Student Grant.</p> <p><b>London School Of Economics, London, England</b> 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., (in peer review) "Lexos 2017: Building Reliable Software in Python" CCSCNE 2018 – Conference for Computing in Small Colleges, UNH-Manchester, April 2018</p>
Skills	<p><b>Programming Languages</b></p> <p>Experienced in Python and Powershell. Familiar with Haskell, F#, Coq, TypeScript, JavaScript and <math>\LaTeX</math>. Basic idris, Scala, Elm, C#, C++ and Java.</p> <p><b>Languages</b></p> <p>Fluent in English, Native Speaker in Chinese.</p>
Experiences	<p><b>Mathematics Honor Thesis</b> Sep. 2017 - Present</p> <p>WHEATON COLLEGE MATHEMATICS DEPARTMENT, NORTON, MA</p> <p>Research on graph tournament, inspired by King Chicken Theorem. My research focus on the kings behavior in improper tournaments (tournaments with ties).</p> <p><b>Open-source Contributor</b> Sep. 2014 - Present</p> <p>CONTRIBUTOR TO MANY OPEN SOURCE PROJECTS</p> <p>Core developer of Awesome-Powershell, PSGitHub. Contribute Ideas to python/typing, mypy and VSCoq. Help to provide Minor improvement to FStar and many other Projects.</p> <p><b>Software Leader</b> Jun. 2015 - Dec. 2017</p> <p>LEXOMICS RESEARCH GROUP, WHEATON COLLEGE, NORTON, MA</p> <ul style="list-style-type: none"><li>- Lead the development of Lexos, a web app for text analysis workflow.</li><li>- Help the team to adopt modern software development paradigm and workflow.</li><li>- Designed a new architecture and a new python style guide for the project.</li></ul> <p><b>Independent Mathematics Research</b> 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>
Projects	<p><b>Markdown for Academia</b> 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. Can be compiled easily to HTML, PDF, <math>\LaTeX</math> and many other formats.</p>