

# Cheng Zhang

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

Education	<b>Wheaton College</b> BACHELOR OF ART IN MATHEMATICS Major in Mathematics, Minor in Computer Science and Economics Complete 42 credit hour with Major GPA: 3.9, General GPA: 3.84 Sep. 2014 - Jun. 2018
	<b>London School Of Economics</b> STUDY ABOARD Took EC221 Principles of Econometrics, EC202 Microeconomic Principles II, MA300 Game Theory, MA211 Algebra and Number Theory, MA315 Algebra and its Applications Sep. 2016 - Jun. 2017
Skills	<b>Mathematics Field</b> GRAPH THEORY, BASIC ALGEBRA, BASIC TOPOLOGY, BASIC LOGIC Familiar with many concepts in Graph Theory. Knows the basic about analysis, point-set topology and algebra. Knows the basic about Computation Theory, Type Theory and Curry Howard Isomorphism
	<b>Programming Language</b> FAMILIAR WITH MANY PROGRAMMING LANGUAGES Experienced in Python and Powershell Familiar with Haskell, F#, Coq, TypeScript, JavaScript Knows the basic about idris, Scala, Elm
Experience	<b>Software Leader</b> LEXOMICS RESEARCH TEAM Jun. 2015 - Dec. 2017 Lead the development of Lexos, a web app for text analysis workflow. Help the team adopt modern software development paradigm and Workflow. Designed a new architecture and a new python style guide for the project.
	<b>Mathematics Research</b> WHEATON COLLEGE MATHEMATICS DEPARTMENT Jun. 2016 - Jul. 2016 Work with Prof. leibowitz on the topic of Divisibility Graph
	<b>Mathematics Research</b> HONOR THESIS Sep. 2017 - Jun. 2018 Research on graph tournament, inspired by King Chicken Theorem. Our Research focus on the kings behavior in improper tournaments (tournaments with ties)
	<b>Open-source Contributor</b> CONTRIBUTOR TO MANY OPEN SOURCE PROJECT Sep. 2014 - present 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.
Projects	<b>Markdown for Academia</b> AN EASY TO USE MARKUP LANGUAGE DESIGNED FOR ACADEMIC WRITING Mar. 2017 - Apr. 2017 Semantics based on pandoc markdown, added many more feature to support academic writing. Can be compiled easily to HTML, PDF, $\LaTeX$ and many other formats.