

Cheng Zhang

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Education	Wheaton College 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 Dean's List (for all the 4 semesters), Wheaton Fellow, Faculty Student Grant Sep. 2014 - Jun. 2018
	London School Of Economics 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	Mathematics Field 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
	Programming Language 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	Software Leader 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.
	Mathematics Research WHEATON COLLEGE MATHEMATICS DEPARTMENT Jun. 2016 - Jul. 2016 Work with Prof. leibowitz on the topic of Divisibility Graph
	Mathematics Research 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)
	Open-source Contributor 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	Markdown for Academia 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.