

# Ruby Zhao

- > rubyzhao.com
  - > (630) 779-8368
- Former writer-turned software engineer graduating with an interdisciplinary background. Project-based experience in software development and design.

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## Education

Arizona State University, Fulton School of Engineering	2018-2020
Master of Science in Software Engineering, 3.9/4.0	
The University of Chicago	2011-2015
Bachelor of Arts in English & Bachelor of Arts in Psychology, 3.7/4.0	
Argonne Fellowship (full tuition scholarship, 2011-2015)	
Dean's List (2011-2015)	

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## Employment

AdviNow Medical Python Intern May 2019 - Aug 2019 Scottsdale, AZ	<ul style="list-style-type: none"><li>&gt; Developed Django Python automation systems to interface with electronic medical records</li><li>&gt; Conducted product testing ranging from unit to full system tests</li><li>&gt; Wrote requirements documents for third-party system compatibility</li></ul>
Epic Systems Technical Writer Aug 2015 - June 2017 Verona, WI	<ul style="list-style-type: none"><li>&gt; Wrote technical documentation including white papers, promotional documents, and release notes</li><li>&gt; Managed six-member project to revamp a SQL report repository of over 1,000 custom reports used by business intelligence analysts</li></ul>

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## Projects

FlixBot Movie chatbot Team size: 4 Sprint cycles: 3	<ul style="list-style-type: none"><li>&gt; Designed and developed chatbot in NodeJS that engages in a textual conversation using natural language processing</li><li>&gt; Responds to user queries and returns relevant information from the RESTful API of an online movie database</li></ul>
Taigit API data visualization Team size: 13 Sprint cycles: 4	<ul style="list-style-type: none"><li>&gt; Developed data visualization tool to analyze metrics from GitHub's and Taiga's RESTful API in a JavaScript React-Redux web application</li><li>&gt; Users attach GitHub/Taiga projects to Taigit for easy-to-understand breakdowns showing their project's progress and efficiency</li></ul>
AI Robot Cop Car plate recognition Team size: 3	<ul style="list-style-type: none"><li>&gt; Developed image recognition proof of concept project at hackathon</li><li>&gt; Refined project into a red-light traffic camera software prototype that uses visual text recognition to identify license plates</li></ul>

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## Skillset

### Languages

- > Java
- > Python
- > C++
- > Javascript
- > C
- > HTML/CSS

### Proficiencies

- > Technical writing & documentation
- > Project management (Git/Agile)