

# Edgar Lin

1626 Swift Ct, Sunnyvale, CA 94087  
edgarlin2000@gmail.com ◦ (408) 500 1519

<b>Education</b>	<b>University of Chicago</b> <i>B.A. in Mathematics w/ Honors</i> Coursework in numerical methods. Graduate coursework in stochastic calculus and in functional analysis.	2022 3.41/4.0 GPA
	<b>Machine Learning Alignment Bootcamp</b> Implemented modern DL architectures in vision, language, and RL in PyTorch. Did a final project implementing a Decision Transformer.	2022

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<b>Experience</b>	<b>Audacy Corporation</b> <i>DevOps Engineer Intern</i> Supported software operations by building tools to automate development & Unix administration tasks ◦ Containerized MEAN + RabbitMQ stack applications using Docker ◦ Built Jenkins pipelines for automated continuous testing using Mocha and delivery using Git.	June-August 2016
	<b>UChicago Mathematics</b> <i>Research Experience for Undergraduates</i> Did reading and research on algebraic topology and fixed point theory.	June-August 2019
	<b>Charter Cities Institute</b> <i>Economics Research Assistant</i> Conducted a statistical analysis of the development impacts of port investment using nighttime-lights data.	March-August 2020

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<b>Skills</b>	<b>Programming:</b> Proficient: Python, Haskell, Java. Familiar: C#, C++, Julia, Elm. <b>Languages:</b> Fluent: English. Conversational: Mandarin Chinese. <b>Other:</b> PyTorch, HTML/CSS Webdesign, LaTeX, Docker, Git, Unix (Red Hat).
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<b>Projects</b>	<b>Monadic MCMC:</b> Implemented a embedded domain specific language in Haskell for modular probabilistic programming and inference using the Markov Chain Monte Carlo algorithms. <b>Finite Elements:</b> Implemented an Elm widget that visualizes finite element analysis on 2D domains.
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