Jeremiah Lin

jeremiahnlin@gmail.com | (949)-275-2182 | 209 East University Avenue, Champaign, Illinois, 61820
https://www.linkedin.com/in/jeremiahnlin/ | https://titanaboa.github.io/

University of Illinois Urbana-Champaign May 2025
Bachelor of Science in Engineering Physics GPA: 3.77/4.00
Minor in Computer Science
Honors: Fall 2021 Dean's List

Extracurriculars

Illini EV Concept (Build Team) Urbana, IL
Vice President | Business Department Lead Aug 2021-Present
- Designed and implemented Excel based system tracking member retention, satisfaction, and engagement
- Collecting, managing, and analyzing 100+ member team data to optimize team efficiency and efforts
- Started and directing team outreach initiative to encourage engineering at the middle-high school level

Software Autonomous Department Lead Aug 2021-Present
- Implementing computer vision software for autonomous electric vehicle, increasing computing efficiency
- Researching and implementing machine learning with Pytorch, increasing computer vision accuracy
- Leading and managing department to compete in Shell Autonomous Competition

Crimson Youth Entrepreneurship Society Urbana, IL
Full stack Engineer Jan 2022-Sept 2022
- Designed and created web pages using HTML and CSS
- Developed Django back-end, creating framework for user and company aggregate data

Illini Air Shuttle Urbana, IL
CAD Team Project Lead Sept 2021 – Sept 2022
- Leading CAD 3D modeling team to design and model VTOL airplane parts and assemblies in Solidworks
- Designing and testing VTOL airplane wing placement and fuselage aerodynamics with Ansys Fluent

Software Engineer Sept 2021 – Sept 2022
- Creating python based genetic algorithm to calculate ideal wing placement

Skills

Google Suite	Microsoft Excel	Fluent Fluid Solver	English
Microsoft Office	C++	Pytorch	Mandarin
Professional Writing	Python	Solidworks	Active Listening
Project Management	Java	LaTeX	Quick Learning
Team Leadership	HTML	Machine Learning	Reliable
Strategic Planning	CSS	Computer Vision	Tenacious
Community Outreach	Django		Hard Working
Presentations			

Relevant Coursework

Intro to Computer Science I/II	Quantum Info and Computing	Mechanics	Calculus I/II/III
Data Structures	Relativity & Math Applications	Electricity and Magnetism	Linear Algebra w/
Intro to Algs & Models of Comp	Classical Mechanics	Thermal Physics	Computational Applications
	Design Like a Physicist (Lab)	Quantum Physics	Differential Equations