

# Finn Dayton

(424) 744-7305 | finnd@alumni.stanford.edu | finndayton.com | github.com/finndayton

## EDUCATION

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### STANFORD UNIVERSITY

Stanford, CA

**BS:** Computer Science, Artificial Intelligence

Sep 2018 – Jun 2022

**MS:** Computer Science, Artificial Intelligence

Sep 2022 – Jun 2023

GPA 3.92 / 4.0 | Award of Excellence (top 10% of seniors for service and leadership)

**Courses:** Machine Learning (CS229), Parallel Computing (CS149), Machine Learning with Graphs (CS224W), Natural Language Understanding (CS224U), Cryptography (CS255), Computer Networks and Security (CS155)

**Activities:** Computer Science TA (106 program), Stanford Student Space Initiative (SSI), Campus Tour Guide

## SKILLS

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**Methods:** Complex project management, Fine-tuning LLMs, GPU Programming (Cuda)

**Languages:** Python, C++, Cuda, JavaScript, Rust | Mandarin (working proficiency)

**Tools:** PyTorch, NumPy, Pandas, React, NextJS, AWS EC2, Google Cloud Functions, Git, Linux Shell

## WORK EXPERIENCE

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**MACH INDUSTRIES** | Head of Operations

Huntington Beach, CA | Jan – Jun 2024

- Mach is a ~45-person early-stage defense startup. I joined as a software engineer writing flight code in Rust, and but quickly took over the hiring function. I grew the team by around 20 people in 6 months, mostly engineers.

**ZOOX** | Backend Software Engineering Intern

San Mateo, CA | Jun – Sep 2022

- On the Rider App Team, I improved the ETA estimate and integrated it into existing backend architecture. I reduced the average error of ETA on historical rides. Received full-time offer.

**GOLDMAN SACHS** | Investment Banking Summer Analyst

New York, NY | Jun – Aug 2021

- In the Real Estate group, I worked on team of 8, which acted as exclusive advisor to Home Partners of America in sale to Blackstone for \$6B on June 22, 2021. I also worked on Soho House IPO team. Received full-time offer.

**ZILLOW** | Software Engineering Intern

Seattle, WA | Jun – Sep 2020

- On the Home Buyer Team, I used React to add commute visualization to front page of Zillow.com. The feature is now used by 100M people every month. Received return internship offer.

**STANFORD UNIVERSITY** | TA Computer Science Dept.

Stanford, CA | Sep 2019 – March 2023

- Taught algorithmic design, decomposition, abstraction and testing, graded coding assignments and exams and provided constructive feedback through one-on-one grading sessions.

**JOBY AVIATION (SHENZHEN)** | Engineering Intern

Shenzhen, China | Aug – Sep 2019

- Rapid prototyping facility for Joby Aviation's metallic electric VTOL aircraft components.
- I built a digital raw material inventory system integrated across departments.

## INTERESTS

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Aviation, surfing, skiing, public speaking, reading, baking homemade apple pie