

# Jacob Fein-Ashley

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## EDUCATION

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### University of Southern California

*Ph.D. in Electrical Engineering*

Los Angeles, CA

Jan 2025 – May 2028

**Research:** Machine learning

**Relevant Coursework:** Probability for Electrical Engineers, Linear Algebra for Electrical Engineers, Topics in Stochastic Processes, Deep Learning, Computational Intelligence and Neural Learning

### University of Southern California

*MS in Electrical Engineering*

Los Angeles, CA

Aug 2023 – Dec 2024

Coursework focused on machine learning and data science

### Colorado School of Mines

*BS in Computer Science*

Golden, CO

Aug 2020 – Dec 2022

**GPA:** 3.80/4.00

**Relevant Coursework:** Machine Learning, Data Structures, Algorithms, Linear Algebra, Probability Theory, Mathematical Statistics, Operating Systems, Calculus I–III, Differential Equations, Discrete Mathematics, Software Engineering, Database Management, Multivariate Analysis, Advanced Machine Learning

## AWARDS

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- **2021–2022:** Palantir C-MAPP Scholar

## SKILLS

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**Languages:** Julia, Python, C++, Java, SQL

**Technologies:** PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, Git, Docker

**Operating Systems:** Linux, Windows

## EXPERIENCE

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### Data Science Lab, USC

*Graduate Research Assistant*

Los Angeles, CA

May 2023 – Present

- Conduct research in machine learning and data science.
- Work under the guidance of Dr. Viktor Prasanna.