

Jacob Fein-Ashley

@jacobfeinashley@gmail.com |  LinkedIn |  GitHub |  Website |  Google Scholar

EDUCATION

University of Southern California

MS in Electrical Engineering

Coursework focused on mathematics and machine learning

Los Angeles, California, United States

Aug 2023 – Dec 2024

Colorado School of Mines

BS in Computer Science

Coursework focused on mathematics and CS fundamentals

Golden, Colorado, United States

Aug 2020 – Dec 2022

GPA: 3.80/4.00

Academic Transcript

2021-2022 Palantir C-MAPP Scholar

SKILLS

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

EXPERIENCE

Data Science Lab, USC

Graduate Research Assistant

- Researching areas broadly related to machine learning and data science.
- Directed by Dr. Viktor Prasanna

Los Angeles, California

May 2023 – Present

MInDS@Mines

Undergraduate Research Assistant

- Initiated research for performance metrics of three-dimensional point clouds and meshes
- Implemented and designing an algorithm for scoring surface reconstruction meshes against respective point clouds.
- Directed by Dr. Hua Wang

Golden, Colorado

May 2022 – Aug 2022

PUBLICATIONS

- **Fein-Ashley, J.**, Ye, T., Wickramasinghe, S., Zhang, B., Kannan, R., & Prasanna, V. (2024). A Single Graph Convolution Is All You Need: Efficient Grayscale Image Classification.
- **Fein-Ashley, J.**, Ye, T., Kannan, R., Prasanna, V., & Busart, C. (2023). Benchmarking Deep Learning Classifiers for SAR Automatic Target Recognition. 2023 IEEE High Performance Extreme Computing Conference (HPEC), 1-6.