

Adam Lehavi

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EDUCATION

B.S. COMPUTER SCIENCE AND APPLIED MATH, USC

Aug 2021 – May 2025

- 3.80 GPA | Double Major | Presidential Scholar

EXPERIENCE

MACHINE LEARNING INTERN, OLAMI

Jan 2023 – Present

- Lead Sentiment Analysis project seeking to measure antisemitism on college campuses towards creating hate-free environments using NLP through TensorFlow in Python

MACHINE LEARNING RESEARCHER, NCA&T

May 2022 – Dec 2022

- Published and coauthored "Feature Reduction Method Comparison Towards Explainability and Efficiency in Cybersecurity Intrusion Detection Systems," presented at the IEEE ICMLA 2022
- Built intrusion detection systems comparing feature reduction methods for Random Forest and Deep Neural Network models using TensorFlow and SciKit in Python and GGPlot and Tidyverse in RStudio

COMPUTER SCIENCE DEPARTMENT COURSE PRODUCER, USC

Aug 2022 – Dec 2022

- Guided students by providing direction and explanation for difficult problems in 1-on-1 tutoring
- Graded papers and problem sets in Discrete Math for 300+ students

MATH TUTOR

Sep 2018 – Feb 2022

- Volunteered through high school to help failing 9th graders get back on track
- Tutored in subjects ranging from elementary school math to Calculus and Statistics

ACTIVITIES

SCOPE CLUB MEMBER, USC

Sep 2021 – Present

- Learn CS frameworks such as React, create example applications and projects
- Won Spring 2022 hackathon as full stack developer using Bulma, React.js, Node.js, Firebase
- Placed 2nd at Fall 2022 and Fall 2021 hackathons using Node.js, Firebase, Express.js, and React.js

MACHINE LEARNING RESEARCHER, USC

Jan 2023 – Present

- Work with fellow undergraduate student researching attention based video summarization
- Explore and research quantitative analysis models as the machine learning head of a group of 10

TAMID DIRECTOR OF FUND, USC

Sep 2021 – Present

- Lead 20+ students in developing and delivering competitive stock analysis pitches
- Use Excel and Powerpoint towards company financial analysis, and complete investment theses

LOLLIPOP HOBBYIST

Dec 2019 – Present

- Make lollipops by hand, in batches of up to 100, with both custom flavors and extracts
- Sell lollipops to students at 5+ colleges, having made over \$2000 in profit

DIRECTED READING PROGRAM, USC

Oct 2022 – Dec 2022

- Conducted research in Probabilistic Applications of Combinatorics under direction of a PhD student

ODYSSEY HACKATHON WINNER

Dec 2021

- Headed team in full stack management using Bulma, React.js, Node.js, and Firebase
- Chosen for \$500 People's Choice Award as a team of 5 out of 141 participants

SKILLS

PROGRAMS & FRAMEWORKS

- Python, R, SQL, LaTeX, JavaScript, C++, Javam, HTML, CSS, Excel, Firebase, C
- TensorFlow, SciKit Learn, React, Node.js, Angular, Django, Bulma, Bootstrap, NoSQL

LANGUAGES

- English, Hebrew