

**Alexei (Ljosh) Kremliovsky** Phone: +1 (858) 649-9348 Email: ljoshaweb@gmail.com (preferred)

## Education/Experience

June 2024 - August 2024

Mitre, McLean, VA – *Cyberfutures intern*

Nov 2023 - March 2024

Girvetz Graduate School of Education, Santa Barbara, CA – *Research Assistant*

-Participating in a graduate student's research by creating and implementing machine learning models

Jan. 2022 - Sep. 2022

OctoClub, Poway, CA – *Chess Instructor*

-Educated schoolchildren in the game of chess, understanding of game rules, implemented strategies; introduced openings, and closings, assisted in complex chess and logic problems.

Sep. 2020 - Sep. 2022

Math Tutor, San Diego County

-Assisted 5th-10th grade children in various areas of math (algebra, geometry, pre-calculus).

Aug. 2023 - Sep. 2023

Google Cybersecurity Certificate, Coursera

Sep. 2022 - Sep. 2025

University of California Santa Barbara, In progress – *Applied Math B.S.*

## Awards and Accomplishments

CyberQuest - Cybersecurity quiz and competition, a score of 17/30 after the first quiz attempt

UCSB ICTF Competition - Cybersecurity competition participation (8th place)

UCSB Directed Reading Program - researched Quantum Computing and cryptography, worked on math problems from a journal of math under the guidance of a graduate student

Tensorflow - programmed a linear equation predicting model, created a model that predicts words (with Markov chains) based on Ukrainian-language George Orwell's 1984

Fare21 - Created a website during pandemic closures aimed at helping small businesses of Poway stay afloat. The website gained thousands of visitors and a Facebook shout-out from the town's mayor.

AWM - (Association of Women in Mathematics) regularly attend AWM events and math talks  
Python and Linux shell

## Skills

-Familiarity with steganography and cryptography methods

-Familiarity with basic principles of network security (principle of least privilege, non-repudiation, access controls, etc.)

-Familiarity with mechanisms of machine learning and neural networks (TensorFlow)

-Familiarity with network monitoring and SIEM tools (Splunk, Chronicle, Wireshark)

-Familiarity with database query languages (SQL)

-Visualizing and managing data (Excel, Google Spreadsheets)

-TensorFlow familiarity, experience working with LLM injection

## Languages

Russian (Native), English (Native), Ukrainian (fluent), German (conversational), Spanish (conversational)