

# Alexis Morales Flores

**Research Interests:** *Computer Security, Online Privacy, Networking Systems*

[amoralesflores@ucsd.edu](mailto:amoralesflores@ucsd.edu) | La Jolla, CA

---

## Education

University of California San Diego | GPA: 3.6/4.00

(Anticipated Graduation 2026)

- PhD. in Computer Science

California State University Los Angeles

(2017 - 2018)

- B.S. in Criminal Justice | GPA: 3.75/4.00

## Experience

*University of California, San Diego | Android Graduate Security Researcher*

(2023-Present)

- Led a team of undergraduate research students in the UJIMA Security & Privacy Group through project development and assignment tasks.
- Developed python scripts to automate Android .apk static analysis through MobSF for 50 apps of interest.
- Produced script to collect privacy policy text from related websites and compare text over time.
- Automated accessibility analysis through development of a python script that utilizes adb commands.

*California State University, Los Angeles | SMART Intern*

(Summer 2022)

- Developed computer vision program to identify birds regardless of the image context using Intel Dev Cloud's Open VINO Inference Engine.
- Processed training images utilizing Python libraries such as matplotlib, numpy and cv2.
- Completed 1-week training, with hands-on experience, about FPGA and Verilog in Embedded Architecture Lab.

*NASA | Virtual Intern*

(Summer 2021)

- Delivered literature review and briefing that provided an overview of current research related to supporting life support systems for the Artemis Missions.
- Developed a briefing that detailed commercially available systems that could be used for mining materials

## Coursework

*Completed:* Design Automation and Prototyping \* Algorithms Design and Analysis \* Principles of Software Engineering

**Skills:** Native Spanish Speaker, Agile Development, Linux, PGP implementation, Android Studio, Docker, MobSF, Project Management

**Programming Languages:** Python, C++, C, Matlab Programming, ADB

---

### Selected Awards

- Hispanic Scholarship Fund
- Edison STEM Scholarship
- OSHER NextGen Scholarship Award
- ELAC Foundation CCCSE Scholarship
- NASA Community College Aerospace Scholars

### Leadership Experience

- President/Founder of Huskies Computer Science Club
  - Triton Robotics
  - Volunteer at Unification of Disabled Latin Americans (UDLA)
-