

Kale Suarez

847-650-3877 | kalesuarez7267@gmail.com | kalesrz@stanford.edu | [linkedin.com/in/jeremiah-suarez](https://www.linkedin.com/in/jeremiah-suarez)

OBJECTIVE STATEMENT

Stanford First-Year Undergraduate pursuing a B.S in electrical engineering looking to pursue an internship to help contribute to new cutting edge research and development of hardware technologies in EE.

EDUCATION

Stanford University

Bachelor of Science | Electrical Engineering

Relevant Coursework: ENGR40M (An Intro to Making: What is EE)

Stanford, CA

June 2029

Illinois Math and Science Academy

Highschool diploma

Aurora, IL

May 2025

TECHNICAL EXPERIENCE

Elgin Police Department

IT Intern

Elgin, IL

June - August 2024

- Assembled 14 personal desktops and installed Windows OS for office use.
- Maintained electrical panels on Axon radio systems on police squad cars.
- Maintained police station radio inventory using Microsoft Excel.
- Troubleshooted common Windows OS issues for police staff.

First Robotics Competition (FRC)

Electrical Lead

Aurora, IL

April 2022 - May 2025

- Taught electrical theory, robot wiring, safety, and collaborative skills to a team of 15 electrical-subteam members on high school FRC team.
- Reached FRC World Championships in 2025.
- Used Phoenix Tuner diagnostic tools to identify problems with robot electrical panel CAN bus.
- Worked with various motors/motor controllers, microcontrollers, buck converters, and pneumatic systems.
- Collaborated with mechanical and programming subteams to ensure robot functionality.

LEADERSHIP

Boy Scouts of America

Senior Patrol Leader

Elgin, IL

August 2019 - December 2024

- Mentored scout troop of 14 boys in community service, citizenship skills, camping skills, and leadership.
- Facilitated environmental creek cleanup efforts in Elgin, IL.
- Facilitated food drives and clothing drives in collaboration with the Helping Hands foundation in Elgin, IL.
- Earned Eagle December 2024.

SKILLS & INTERESTS

- Microsoft Excel
- Google Suite
- Python, Java, C#
- Object-Oriented Programming
- Linear Algebra/MATLAB (Onramp certificate)
- Ubuntu Linux Operating Systems
- Windows Operating Systems