

# Messiah Afzalyar

Messiah Afzalyar | messitube38@gmail.com | +1 510-780-6912 | <https://github.com/Messiah2004>

## Summary

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**Reliable, analytical, and energetic electrical engineering major with a passion for dissecting intricate systems. Dedicated to the development of things that can improve the lives of others (e.g., energy, medicine, and transportation). Proficient in applying engineering principles to solve technical problems, working in a laboratory, and programming using the object-oriented programming paradigm.**

## Education

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### **Bachelor's in Electrical Engineering - Cal Poly SLO, San Luis Obispo, CA**

- In progress

### **Associate's in Mathematics/Physics/Computer Science - Modesto Junior College, Modesto, CA**

- President's List: Fall 2022 - Spring 2025
- MJC Engineering Inter-Club Council Representative

### **High School Diploma - Open Valley School, Patterson, CA**

Graduated early - 1/21/2022, **GPA: 4.00**

- **Class Rank: #1**

## Skills

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- **Languages:** • English (native) • Farsi (native)
- **Programming Languages:** • Java • C++ • JavaScript • Scheme • HTML • CSS
- **Mastery of Microsoft Office programs** (Word, Excel, Powerpoint)
- **Excellent communication skills** with a focus on team-building and conveying technical and scientific concepts.
- **Other:** • Inventor • Arduino

## Employment

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- **Modesto Junior College Library & Learning Center - STEM Tutor (August 2023 - August 2024)**
  - Tutored mathematics up to and including Calculus 3, including some statistics, as well as physics and all of inorganic chemistry.
  - Developed practice worksheets and study guides to help tutees practice and grasp the most important concepts in their class.
- **Community ALI - Full Stack Developer (September 2023 - January 2024)**
  - Programmed webpages for Modesto Junior College, the most notable site being the namesake, communityali.org, which Modesto Junior College used as a site to help students explore and contact official school clubs.
  - Utilized ReactJS and CSS for frontend, and used NodeJS, Express, and MongoDB for the backend.
- **Modesto Junior College Innovation Center - Innovation Center Technician (January 2024 - August 2024)**
  - Helped guide students through the use of 3D printers, laser cutters (for wood engravings), vinyl cutters, and the use of the Roland BN-20A for the creation of stickers and graphic t-shirts.

**Interests:** • Reading • Physics • Engineering • Electrical Engineering • 3D Design • Finance • Computer Science • Cooking • Bachelor • Learning