

# Steven A. Jobs

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## EDUCATION

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**Loyola Marymount University** **Los Angeles, CA**  
*Bachelor of Science Candidate, Electrical Engineering with emphasis in Computer Engineering* May 2024  
**GPA 3.47**

**AIB International** **Bonn, Germany**  
*Study Abroad For Engineering and Science Majors* Spring 2020  
**GPA 4.0**

## ACTIVITIES & AWARDS

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Dean's List Secretary, IEEE  
Leadership Seminar & Career Leadership and Development Trip Vice President of Foundation, Delta Gamma

## SKILLS

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**Programming:** Java, JavaScript, Objective C, Assembly Language, Matlab, Mathematica  
**Engineering Software:** Multisim, Xilinx ISE, Logisim, CodeWarrior  
**Microsoft Office:** Power Point (Conference Level Presentations), Excel (Modeling Data, Error Analysis), Word (Descriptive Function Analysis)

## SELECTED ENGINEERING DESIGN PROJECTS

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**Junior Lab II** Spring 2022

- **Programmed a Traffic Light:** Built and tested a traffic light controller circuit using Field Programmable Gate Arrays (FPGA) and Xilinx ISE

**Junior Lab II** Fall 2021

- **Non-Invasively Monitoring Blood Glucose Concentrations Using a Near-Infrared Pulsed LASER Diode:** Designed and drafted reports for a review board of professors once a month to explain the progress of the project, refined and improved the design of the project to improve the glucose readings, collaborated with other engineers and professors to better represent the data and in order to finish the project in a timely manner, and lastly merged the field of engineering with data analysis and research from the biology department

**Sophomore Lab I** Spring 2021

- **Wearable Electronics:** Designed a piece of safety clothing for a bicyclist using APA102C LEDs, TM1000Q tilt switches, and the MC68HC12 microcontroller serial peripheral interface (SPI)

## RELEVANT PROFESSIONAL EXPERIENCE

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**Newport Corporation** **Irvine, CA**  
*Electrical Engineering Intern* 2020

- Analyzed and compiled data from 100 customer surveys from the Conference on Lasers and Electro-Optics show
- Conducted a product inspection of the Velocity Tunable Laser Controller
- Directed time studies on the manufacturing of the optical tables, and vibration control tests on the optical tables to ensure the production line was moving according to schedule and outputting quality products

**LMU Department of Electrical Engineering & Computer Science** **Los Angeles, CA**  
*Laboratory Assistant & MATLAB Teacher's Assistant* 2020

- Conducted basic circuit experiments with 40 students for two hours each week
- Taught students three times a week through class lectures how to critically think to solve MATLAB problems
- Assembled, soldered, and tested circuit boards for robots
- Demonstrated to the students the proper way to use the equipment on the NI-Elvis board required by the professor