

YAHIR DIMAS

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EDUCATION

University of California, Los Angeles | Cumulative GPA: 4.0

Expected June 2026

Pursuing B.S. in Computer Science and Engineering

- **Coursework:** *Data Structures and Algorithms; Intro to Python; Computer Science Seminar; Differential and Integral Calculus; Intro to Engineering Disciplines; Integration and Infinite Series; Calculus of Several Variables*

EXPERIENCE

Defect-Recognition with Terahertz (Research Project) - Data Collector | UCLA

Present

- Tested if defect recognition in **3D printed objects** is possible using **terahertz**
- Created knife-edge measurements for spot-sizing and measured the signal-to-noise ratio of images
- Recorded **transmission data** for different thicknesses of **HIPS** samples

SOLES Lunabotics (Autonomous Rover Project) - Electrical and Mechanical Member | UCLA

Present

- Constructed an autonomous rover that uses programming languages such as **Python** and **Lidar**
- Implemented directions in the Arduino software to function correctly and navigate through obstacles by creating **3D geometric** images of its environment using **3D printed** components

McDonald's - Crew Member | Part-Time | Shafter, CA

July 2020 – August 2022

- Served and **managed** the kitchen and grill; **multi-tasking** between operating the table and initiating
- Expanded work expertise in the service position (run drive-thru, register, etc.)
- Coordinated food preparation and trained new employees

Student Board Member Advisory Council - School Representative | Bakersfield, CA ***August 2021 – June 2022***

- Discussed district policies, LGBTQ concerns, student environment, etc.
- Collaborated with other school representatives and district board members, being a **leader**, to improve all schools in the Kern High School District

Tier 1 Committee - Student Representative | Shafter High School

August 2021 – June 2022

- Addressed school policies, tardiness, activities, and outreach programs
- Shared my insight with school administrators as I was the student's voice

PROFESSIONAL ORGANIZATIONS

Center for Excellence in Engineering and Diversity, UCLA

July 2022 – Present

Society of Latinx Engineers and Sciences (SHPE), UCLA

July 2022 – Present

PROFESSIONAL DEVELOPMENT

Agile Scrum Interactive Team Project - Participant | Boingo Wireless | Los Angeles, CA

September 2022

- Designed and collaborated with engineering undergrads to create a sugar-free organic chocolate bar
- Presented product to other groups and explained why it is the best purchase

AWARDS

Superintendent's – First in Class Award

Engineering Scholar Award – Project Lead The Way

Young Person Award – Shafter Chamber of Commerce

Life Membership Award – California Scholarship Federation

Stringham Memorial Award for Scholastic Excellence – **1st Place** out of **381 (Valedictorian, GPA: 4.50)**