


# RAYANA E. LOPEZ

TEXAS A&M UNIVERSITY - KINGSVILLE (SOPHMORE)  
PURSUING BACHELOR: MECHANICAL ENGINEERING  
PURSUING MINORS: MATHEMATICS & CYBER INTELLIGENCE

## CONTACT

 (956) 622 - 2649

 rayana.lopez@students.tamuk.edu

 LINKEDIN:  
<https://www.linkedin.com/in/rayana-lopez-77213a257/>

## SKILLS

- Oral, Written & Digital Communication
- Time Management
- Strategic Thinking
- Microsoft Office
- Teamwork
- SolidWorks
- AutoCAD
- Strong Problem Solver
- Research Ability

## EDUCATION

### San Benito H.S , San Benito TX

H.S Diploma - May 23'

Finished w/ Dual Credit Hours

GPA : 4.49

### Bachelor of Science in Mechanical Engineering Texas A&M University - Kingsville

Expected Graduate - May 27'

GPA : 3.70

#### HONORS COLLEGE

- TAMUK Academic Excellence Scholarship 23' - 27
- Stars Scholarship / Next Decade(Rio Grande LNG)
- STPGA Scholarship (JL LEWIS)
- STPGA Scholarship (Bill Sitton Sr)
- Fall 23' Dean's List
- Spring 24' Honors List

## UNIVERSITY EXPERIENCE -

#### Student Government Association

- Senator for College of Engineering
- Committee Chair (Social Justice & Advocacy)

#### TAMUK Women's Golf Team

- College Athlete (Golfer)

#### TAMUK Honors College

- Honors Student
- Golden Key International Honor Society

#### Engineering

- Society of Hispanic Professional Engineers (SHPE)

## PROFILE

Aspiring Mechanical Engineering student at Texas A&M University-Kingsville, eager to blend technical skills with a commitment to societal progress and safety . Driven by a passion for applying engineering solutions to real-world challenges and dedicated to making a positive impact through innovation and expertise.

## WORK EXPERIENCE

### Computer Tech Assistant Workforce Solutions June 21' - August 21'

- Provided technical assistance to customers with their computer hardware & software issues
- Assisted in the setup of new computers, iPad & Etc.
- Repaired & Replaced defective parts on tech
- Maintain Inventory records of all computers, laptops, and small tech items

### Student Worker (Peer Mentor) TAMUK Center for Student Success May 24' - Ongoing

- Support the transition process of students to A&M Kingsville
- Increasing the student connection within our university
- Providing informal academic, career/ professional, and personal guidance to fellow peers and students
- Connecting fellow Javelinas w/ campus resources
- Striving to promote academic excellence & student success

Reference: Christina Gonzalez: (361) 593 -5250

## Internships & Projects

### HSI Summer Bridge Program IPE- STEMS : 07/01 - 07/19 2024

- Conducted daily briefings to ensure seamless communication and progress tracking within the team
- Organized and disseminated key information to facilitate informed decision-making and project alignment.
- Applied skills in SolidWorks to develop and refine design prototypes for a boat project.
- Coordinated efforts with a team of 6 to optimize design strategies and achieve project objectives efficiently.

Reference: Professor Raj : Email - [rajashekar.mogiligidida@tamuk.edu](mailto:rajashekar.mogiligidida@tamuk.edu)

### TAMUK NASA MUREP: 07/08 - 07/26 2024

- Virtual Summer Program: Completed full training focusing on group projects, daily and weekly meetings, final presentations, and financial literacy.
- OnShape Design - Developed omnidirectional manufacturing concepts based on NASA rover research.

Reference: Dr. Bin Wei : Email - [bin.wei@tamuk.edu](mailto:bin.wei@tamuk.edu)

## References

Ruby Gonzalez - TAMUK Alumni Director : [ruby.gonzalez@tamuk.edu](mailto:ruby.gonzalez@tamuk.edu)

Sue Nichols - Honors Program Coordinator: [sue.nichols@tamuk.edu](mailto:sue.nichols@tamuk.edu)

Melissa Algeria - Honors Administrative Associate: [melissa.alegria@tamuk.edu](mailto:melissa.alegria@tamuk.edu)

Harley Davis - TAMUK Student Body President: [harley.davis@students.tamuk.edu](mailto:harley.davis@students.tamuk.edu)

Diana Ruiz - SGA (SOA Liason) : [diana.v.ruiz@students.tamuk.edu](mailto:diana.v.ruiz@students.tamuk.edu)