NATHALIE CUEVAS VEGA

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SUMMARY

Motivated undergraduate engineering student at UPRM with a strong interest in synthetic biology and applied research. Experienced in analytical thinking, problem-solving under pressure, and collaborative teamwork through hands-on projects. Known for my curiosity, creativity, attention to detail, and strong commitment to responsibility, ethics, and continuous learning in multidisciplinary environments. I love to tackle new tasks and learn while making mistakes for the sole reason of having the great opportunity to gain knowledge, especially the evolutionary principles that help shape our world.

SKILLS

- Analytical thinking
- Written communication
- Organization
- Team collaboration
- Attention to detail
- Leadership
- Planning
- Problem-solving under pressure
- Bilingual communication
- Willingness to improve

EXPERIENCE

01/2026 to present

iGEM-RUM Investigation
Engineering Team Co-Lead
Mayagüez, Puerto Rico

- Conduct synthetic biology research on RDX detection and degradation, analyzing HPLC-quantified results to evaluate degradation performance.

SynBio 101 Immersive Program 07/2025 to 07/2025
Mayagüez, Puerto Rico

- Learned basic symbols used in synthetic biology to create a genetic prototype.
- Created a genetic prototype that helps stimulate melanin production, promote regeneration of epidermal tissue, and develop a protective barrier in response to high rates of skin cancer in P.R.

NYLF 07/2023 to 07/2023
Waltham, Massachusetts, United States

Medicine Program

- Hands-on medical experience taught by doctors that tested my medical knowledge during clinical skills rotations and explored the ever-expanding fields of medicine among fellow students.

JOHNSON AND JOHNSON 12/2021 to 12/2021
Camuy, Puerto Rico

Girls With Impact Program

- Achieved a Mini-MBA by developing a prototype and business model canvas of a Non-Profit Company.
- Nominated by my coach to be speaker at graduation.

ASTRONOMY CLUB 04/2021 to 04/2021
Hatillo, Puerto Rico

Pulsar Search

- Completed all the exams required by the Pulsar Search Collaboratory, the University of West Virginia and the Green Bank Observatory to obtain the certification in pulsar search.
- Analyzed astronomical data to identify periodic signals from neutron stars.

OCEAN HEROES 06/2020 to 06/2020
Camuy, Puerto Rico

Virtual Bootcamp

- Dived deep into campaigning for change, solutions that scale, entrepreneurship, and embracing intersectionality for a future with clean seas.

EDUCATION AND TRAINING

BACHELOR OF SCIENCE: CHEMICAL ENGINEERING Expected in 06/2029
University of Puerto Rico En Mayagüez, Mayagüez, Puerto Rico

- 3.57 GPA
- Member of the National Society of Leadership and Success (NSLS)

HIGH SCHOOL DIPLOMA 05/2024
Colegio Nuestra Señora Del Carmen, Hatillo, Puerto Rico

- Graduated with a 4.00 GPA, awarded for excellence in writing and part of the top three highest averages.
- Member of the National Honor Society from 2021 to 2024, and part of the directive as historian during 2022-2023.
- Member of the volleyball team since 4th grade.

VOLUNTEER EXPERIENCE OR LEADERSHIP

- 77 volunteer hours while visiting nursing homes and adoption centers.
- Leadership role as business manager for the school paper during 2023-2024.
- Helped organize NHS activities, food donations, and toy donations.