

AGUSTIN NINO

Biomedical Engineer

Bringing together over five years of dedication to education and scientific exploration, my journey commenced during my final year of undergraduate studies when I embarked on a role as a neuroscience research intern. Presently, I serve as a Field Service Engineer, focusing on blood bank equipment. Hailing originally from Central Florida, I've navigated through diverse professional realms, blending my passion for learning and scientific inquiry.

WORK EXPERIENCE

Field Service Engineer March 2023 - present

Genesis Healthcare Advisers, Monterrey, MX

- Demonstrated ability to handle over 100 maintenance visits across multiple states in the North-East region of Mexico.
- Led the project to renovate the Blood Bank at Monterrey IMSS Cardiology Hospital, upgrading to state-of-the-art Alinity S equipment.
- Initiated a small-scale system to stock the most demanded spare parts tailored to the needs of the Northeast region, ensuring efficient and timely support for our clients.

Neuroscience Researcher January 2021 - May 2022

Universidad de Monterrey, San Pedro, MX

- Designed and executed a transgenic mice experimentation protocol to study specific neuronal circuits with the purpose of identify new therapeutic targets for addictive behaviors, obesity, and eating disorders.
- Implemented the use of a single 360 camera to record experiments, reducing experimentation time.
- Improved CNS microsurgery extraction technique for better microscopy images.
- Completed Medical Imaging course to work on high-resolution fluorescent microscopy images. Designed genetic PCR probes for different neurotransmitters to diversify research and increase its impact.

Museum Research Assistant July 2018 - August 2019

Papalote Museo del Niño, Monterrey, MX

- Created content related to sustainability and local biodiversity for children and the general audience through inclusive activities and games, in Spanish and English.
- Coordinated six colleagues to assist non-Spanish visitors effectively by providing appropriate terminology, in response to the rising number of foreign visitors, and documented all museum exhibits to create a bilingual glossary for aiding colleagues in the program.
- Produced videos for interactive screens that led to an increase in customer interaction with one of the main exhibits

CONTACT

- Monterrey, MX (open to relocate)
- +52 (81) 2567-3145
- agustin.ninop@gmail.com
- [LinkedIn](#)
- [Portfolio](#)

EDUCATION

Universidad de Monterrey (UEM)

Bachelor of Science

Major in Biomedical Engineering

Minor in Medical Imaging and Healthcare Administration

Graduation Thesis Project: *Analysis of the role of Ebf2 neurons in the lateral hypothalamic nucleus and the parabrachial nucleus during food intake regulation.*

Awards:

- Trojan Spirit Award
- 90th percentile UDEM-BME Letter of Achievement (given to 3 students)
- Academic Excellence UDEM Scholarship

CERTIFICATIONS

- Alinity s Series Applications and Service Curriculum | Abbot, August 2023 | Expires: January 2025
- Alinity i Series Certification - Distributor | Abbot, June 2023 | Expires: January 2025
- Procleix Panther Operator | Grifols, April 2023 | Expires January 2024
- CELL-DYN Ruby Service Training | GHA, January 2024

ASSOCIATIONS

- Mexican Society of Biomedical Engineers – SOMIB (2019-2020)
- Scouts (2014-2018)

SKILLS

Tools and Frameworks

- MATLAB: Intermediate (4+ years)
- C: Novice
- Python: Novice
- G Drive Workspace: Advance
- Windows Office: Intermediate
- NX: Novice

Languages

- Spanish: Native
- English: C1
- French: B1.2