

Nestor Gomez Artiles

nestorgomezartiles@gmail.com | (810)-560-0278 | LinkedIn: [linkedin.com/in/nestorgomezartiles/](https://www.linkedin.com/in/nestorgomezartiles/)
[nestorgomez.me](https://www.nestorgomez.me) | GitHub: github.com/NestorXX-XX

SUMMARY

Computer Science student at BYU–Idaho with experience in software development, technical troubleshooting, and collaborative projects. Skilled in Python, C++, JavaScript, and technology support, with strong communication and problem-solving abilities. Quick learner with an interest in 3D printing, prototyping, and helping others use technology effectively in a collaborative lab environment.

EDUCATION

Brigham Young University–Idaho

Expected Graduation, 2027

B.S. in Computer Science (Minor in Mathematics)

- o GPA: 4.0

WORK EXPERIENCE

Amazon

Madrid, Spain

Intern

Jan 2026 – May 2026

- Built internal automation tools to support procurement workflows, leveraging AWS services and Python.
- Worked with data pipelines and analytics to support operational decision-making.

Lawrence Technological University

Southfield, Michigan

Research Assistant

March 2025 - Sep 2025

- Implemented and evaluated LSTM-based sequential models in Python, focusing on performance comparison, training convergence, and reproducibility of experimental results.
- Conducting quantitative research using Monte Carlo simulation to analyze extreme risk scenarios in financial time series, focusing on tail behavior, stress testing, and uncertainty quantification.

PROJECTS

Robot Project

Team Leader ([LINK](#))

- Designed and implemented real-time robotic control software in C++, integrating sensors and actuators.
- Debugged and optimized navigation logic under real-time constraints.
- Designed and built a 3D car prototype using Autodesk modeling tools and fabrication techniques.

PUBLICATIONS

Wisam Bukaita, **Nestor Gomez Artiles**, Ishaan Pathak (2025).

AI-Powered Music Generation from Sequential Motion Signals: A Study in LSTM-Based Modeling.

International Journal of Intelligent Information Systems, 14(6), 121–135 | DOI: 10.11648/j.ijis.20251406.12

CERTIFICATIONS

MITx **ONLINE**

MicroMasters in Statistics and Data Science [In progress]

Harvard University (2025) **ONLINE**

Machine Learning and AI with Python ([Certificate](#)) | Cybersecurity ([Professional Certificate](#))

Columbia University (2024) **ONLINE**

Corporate Finance ([Certificate](#))

SKILLS

Programming: Python, SQL, C++, JavaScript, Java, .NET

Technical Skills: Troubleshooting, Debugging, Software Installation, Technical Support

Computer Science: Data Structures & Algorithms, Debugging, Algorithmic Complexity, Object-Oriented Design

Design & Creative Tools: Adobe Creative Cloud (Illustrator, Photoshop)

Systems & Tools: Linux, Git, Docker, CI/CD (GitHub Actions), AWS, Azure

Additional Skills: Customer Service, Team Collaboration, Technical Communication, Fast Learner