

# Edisson Guevara

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## Education

**Kean University**, Union, NJ

*Expected May 2026*

Bachelor of Science in Computational Science and Engineering (Focus: Applied Mathematics)

GPA: 3.62/4.00

Undergraduate Research: Frequency-Dependent Decay in Sympathetically Resonant Strings (with faculty supervision)

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## Skills

**Programming Languages:** Java, Python, C#, R, .NET Framework

**Tools/Platforms:** Visual Studio Code, MobaXterm, Google Colab, RStudio – (Windows User)

**Certificates:** Microsoft C# Certificate (Online), NJIT Programming Certificate

**Languages:** English (Fluent), Spanish (Fluent)

**Additional:** Numerical Analysis, Team Collaboration, Research Documentation

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## Experience

**Frequency-Dependent Decay in Sympathetically Resonant Strings**

*Fall 2024 – Spring 2025*

Kean University STEM Building — Student Group Research

- Acted as Coding Engineer contributing to computational modeling of string vibration using Python.
  - Investigated how string instruments vibrate due to sympathetic resonance rather than direct contact.
  - Developed optimized parameters to refine string instruments based on frequency-dependent decay behavior.
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## Projects

*No formal work experience in Computational Science and Programming yet; currently focusing on coursework, research projects, and certifications.*

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## Additional Information

Bilingual (English and Spanish). Interested in applying mathematical modeling and programming to real-world engineering and research problems.