ELIJAH BYOUN

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Professional Interests: Machine Learning, Computer Science, Mathematics

EDUCATION

Rutgers University   New Brunswick, NJ
Computer Science + Math   September 2023 - May 2027
- **Highest Relevant Coursework:** Elementary Differential Equations, Design and Analysis of Computer Algorithms, Linear Optimization

RELEVANT EXPERIENCE/PROJECTS

Moody's Scenario Studio Mock API
- Created a mock implementation of Moody's open source Scenario Studio API, including mocked credentials
- Built for learning, experimentation, API integration, data processing and analytics, and visualization skills
- Displayed strong configuration skills through extensive troubleshooting

Large Language Model Research Student - REU   December 2024 - May 2025
- Studied the potential of large language models to educate ELL learners in underprivileged countries

The Cooper Union Formula SAE Program   June 2022 - August 2022
- Implemented efficient java models to control mechanism to improve vehicle's performance at top speeds
- Showed strong project management and communication skills by distributing tasks to members' suited areas in order to maximize productivity

AWARDS & LEADERSHIP

Captain of the Northern Highlands Fencing Team   November 2022 - February 2023
- Led teammates to place 3rd at states, organized practices and conditioning to improve team's performance during competitions

Rutgers Honors Academy Member   September 2023 - Present
- Placed in the Honors Academy at Rutgers University, New Brunswick

SKILLS

Python, Java, C++, React, CSS, HTML, XCode, Pandas, Git, Postman, R, SQL, Node.js