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# LUCAS ANDREW RAICU

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## EDUCATION

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**Glenbrook South High School (GBS)** | Class of 2026 | GPA 5.0/4.0, Class Rank 1/767 2022 - Present

- Coursework (+Honors, \*AP, #Dual Credit at Oakton Community College)
  - +Biology, +Chemistry, Physics, +Algebra 2, +Pre-Calculus, \*Calculus
  - +Computer Science, \*Computer Science, #Foundational Artificial Intelligence

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## PUBLICATIONS

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[1] **Lucas Raicu**, Stefan Donisa, Lucas Ciobanu, Lan Nguyen, Ioan Raicu. "CRYPTEX: fine-grained CRYPTocurrency datasets EXploration", 11th Greater Chicago Area Systems Workshop (GCASR) 2024

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## PRESENTATIONS

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- "CRYPTEX: fine-grained CRYPTocurrency datasets EXploration", Greater Chicago Area Systems Workshop 05/24
- "Improving Crypto Currency Analysis through Fine-Grained Historical Datasets, Illinois Institute of Technology 07/23

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## AWARDS

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**Most Improved Musician Award** | Glenbrook Symphonic Orchestra 2024  
**1st Place Conference Trophy & 5th/19th Team Place** | Illinois Chess High School Championship 2023, 2024  
**Athletic Award & Academic Athletic Award** | Soccer & Tennis @ Glenbrook South High School 2022, 2023, 2024

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## WORK EXPERIENCE

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**Tutor** | Glenbrook South High School, Titan Learning Center 2025 - Present

- Tutored GBS students in algebra I/II, geometry, calculus, biology, chemistry, Spanish

**Teaching Assistant** | Glenbrook South High School 2023-2024

- Assisted Algebra 2 students for 150 hours with coursework and homework

**Research Assistant** | DataSys Laboratory, Illinois Institute of Technology Summer 2023-2024

- Explored fine-grained cryptocurrency datasets and published them online for accessibility
- Designed a backtesting framework to study automated trading strategies

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## COMMUNITY SERVICE

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**Library Program** | Created an introductory CS course for K-8 students 2025  
**Fundraiser** | Performed holiday music for a fundraiser at the Romanian Community Center 2022, 2023, 2024  
**Musical Therapy** | Performed classical music at Warren Barr Lieberman & Arbor Terrace Senior Living 2020, 2023

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## EXTRACURRICULARS

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**Glenbrook Symphonic Orchestra** 2nd Violin (2022 - 2023) | 1st Violin (2023 - 2025) | **Assistant Concertmaster** (2024 - 2025)

**Musical Instruments** Violin (2013 - Present) & Piano (2015 - Present) at Music Institute of Chicago, Laughlin School of Music, and Private Instruction

**GBS Variety Show (\*Band Lead)** \*Pirates of the Caribbean (2023), \*Concerto for Four Violins (2024), \*Tico Tico (2024), Survivor (2024), \*Viva la Vida (2025), \*Por una Cabeza (2025)

**GBS Medical Chapter Club** Member (2022 - 2023) | Tech Director (2023 - present)

**Ping Pong & Paddle Club** Member (2022 - 2024) | **President** (2024 - present)

**GBS Chess Team** Board 8 (2023) | Board 8 (2024) | Board 6 (2025)

**GBS Tennis Team** 1st Singles (2023) | 1st Doubles JV (2024)

**GBS Soccer Team** Left Wing (2022) | Striker (2023) | Right Wing Junior Varsity (2024)

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## SKILLS

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**Languages:** English (*native*), Romanian (*native*), Spanish (*fluent*); Illinois State Seal of Triliteracy  
**Programming:** Java (*advanced*), Python (*intermediate*), Swift (*beginner*)  
**Website Development:** HTML (*intermediate*), CSS (*intermediate*)  
**Tools:** Jupyter Notebook, GitHub, Overleaf (Latex), VirtualBox, Linux, Photoshop, iMovie, MS Office (doc/xls/ppt)