

LUCAS ANDREW RAICU

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EDUCATION

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

PUBLICATIONS

[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

PRESENTATIONS

- "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

AWARDS

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

WORK EXPERIENCE

Tutor | Glenbrook South High School, Titan Learning Center Jan. 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 June 2023 - Present

- Explored fine-grained cryptocurrency datasets and published them online for accessibility
- Designed a backtesting framework to study automated trading strategies
- Developed a smart electric heater using a Raspberry Pi and a STS35 temperature sensor

COMMUNITY SERVICE

Library Program | Created an introductory CS course for K-8 students 2025 - Present

Music Society | Co-founded a 12 member musical group, which performs in the community 2024 - Present

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

EXTRACURRICULARS

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

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)

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

GBS Computer Science Club Member (2022 - 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)

SKILLS

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*), GitHub Pages

Tools: Jupyter Notebook, GitHub, Overleaf (Latex), VirtualBox, Linux, Photoshop, iMovie, MS Office (docx/xlsx/pptx)