

Nikolas Thornton

nthorn.com
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github.com/nTh0rn

Education

Sophomore | B.S. in Computer Science | 4.0 GPA

- Georgia Institute of Technology | Graduating Fall 2027
- Kennesaw State University
- Clayton State University

Experience

Cloud, AI, Solutions, and Enablement Intern | Ansys/Synopsys | May 2025 – Present

- Developing cloud-based tools for the purpose of supporting machine learning models.

Computer Science Tutor | Kennesaw State University | Aug 2024 – Dec 2024

- Tutored undergraduate Computer Science students in Java / C# / Python.

Tutor/Front Desk Assistant | Clayton State University | Nov 2022 – May 2024

- Tutored undergraduate students in Java / Python / Calculus 3.
- Handled administrative tasks and oversaw the front desk.

Teaching Assistant | Clayton State University | Aug 2023 – Aug 2023

- Assisted professors during a week-long all-day math bootcamp for incoming freshmen.

Activities

Math Club Vice-President | Clayton State University | Spring 2024

- Formerly the Treasurer in Fall 2023.
- Regularly led meetings, gave presentations, and organized presentations from professors.
- Organized engaging events to promote an appreciation of math amongst students.

Computational Physics Research | Clayton State University | Fall 2023 – Fall 2024

- Developed a low-cost photon-based hardware random number generator.
- Programmed all physical hardware and developed custom analysis algorithms in Python.
- Lead student researcher under Dr. Dmitriy Beznosko at Clayton State University.
- Won 1st @ Clayton State's 2024 CIMS Symposium. Rated 15/18 @ APS 2024 March Meeting.

Projects

View all projects at nthorn.com/projects

Chess Engine | C++ | Dec 2024

- An entirely custom chess engine rated at ~1600 Elo, playable at lichess.org/Terconari.

Dynamic Sudoku Solver | Rust | Sep 2024

- An algorithm capable of solving Sudoku puzzles of any size and complexity.

Awards

1st Place Research Poster

CSU CIMS 2024 Symposium

Employee of the Month

KSU CCSE Tutoring Center | Aug 2024

2nd Place AI Project

KSU AI Club's 2024 Hackathon

President's List / Launchpad Scholarship

CSU | Fall 2022 – Spring 2024

Skills

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- Python | Java | C# | C++ | Rust
 - Git | Batch | Bash
 - HTML | CSS
 - Arduino | Serial Communication
 - GameMaker Studio | Game Design
 - Leadership | Collaboration
 - Teaching | Communication
 - Administration