

Nikolas Thornton

Kennesaw State University
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Experience

Computer Science Tutor — Kennesaw State University — 2024-Present

- Tutor undergraduate students up to Computer Science 2 (Java/C#/Python).

Tutor/Front Desk Assistant — Clayton State University — 2022-2024

- Tutored CSU Students up to Computer Science 2 (Java/Python) and Calculus 3.
- Handled basic office administrative tasks and oversaw the front desk.

Teaching Assistant — Clayton State University — 2023

- Assisted professors during a week-long all-day bootcamp for incoming freshmen.
- Taught mathematical skills for inside the classroom and teamwork skills for outside the classroom.

Legal Assistant — Leanne P. Cooper, P.C. — 2021-2022

- Drafted legal documents.
- Straight-typed/organized Discovery.
- Archived closed cases.

Coding Mentor (Volunteer) — CoderDojo McDonough — 2017-2018

- Taught a class on the basics of GameMaker Studio to grades K-12 once a month.
- Assisted with other classes ranging from Scratch to Arduino.

Robotics Teacher — S.T.E.M Academy — 2016

- Taught the basics of Mindstorm NXT Robotics to grades K-12 over a 2-week-long bootcamp.

Education

College Junior, 4.0 GPA, Bachelor of Science in Computer Science, Grad Spring 2026

- Kennesaw State University (Fall 2024)
- Clayton State University (Fall 2022 – Spring 2024)
- Southern Crescent Technical College (Fall 2020 – Spring 2021)

Academic Achievements

Clayton State University Math Club Vice-President (Spring 2024)

- Gave multiple talks on mathematics, computational algorithms, and chess.
- Formerly the Treasurer (Fall 2023).

Computational Physics Research (Fall 2023 – Present)

- Built a HRNG using an Arduino, MPPC, and serially programmed power supply.
- Research poster won 1st place at CSU's 2024 CIM's Symposium.
- Wrote custom analysis software in Python for handling massive amounts of data.
- Created the Fractional Line Symmetry Test, a unique test for random numbers.

Skills

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|---------------------------|----------------------|
| • Python/Java/C++/C#/Rust | • Team leader |
| • HTML/CSS/JS | • Teaching/mentoring |
| • GameMaker Studio | • Speaking skills |
| • 3D Printing | • Quick learner |
| • Arduino | |