Nikolas Thornton

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Experience

Tutor/Front Desk Assistant — Clayton State University —— 2022-2024
- Tutored CSU Students in classes up to Computer Science 2 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)
- Research poster won 1st place at CSU's 2024 CIM's Symposium.
- Built a HRNG using an Arduino, MPPC, and serially programmed power supply.
- 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

- Python
- Java
- C++
- HTML/CSS/JS
- GameMaker Studio
- 3D Printing
- Arduino

- Team leader
- Teaching/mentoring
- Speaking skills
- Quick learner