

# Nikolas Thornton

Kennesaw State University  
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## Experience

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### Computer Science Tutor — KSU's CCSE Tutoring Center — 2024-Present

- Tutor undergraduate computer science students (Java/C#/Python).

### Tutor/Front Desk Assistant — CSU's CAS Tutoring Center — 2022-2024

- Tutored undergraduate students (Java/Python/Calculus 3).
- Handled 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 and teamwork skills for both inside and outside of 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 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

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### College Junior, 4.0 GPA, Bachelor of Science in Computer Science, Grad Spring 2027

- Georgia Institute of Technology (Spring 2025)
- Kennesaw State University (Fall 2024)
- Clayton State University (Fall 2022 – Spring 2024)

## Academic Achievements

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### 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
  - Git, Batch, Bash
  - HTML, CSS
  - Arduino, serial programming
  - GameMaker / GML, game design
  - Quick learner
  - Communication
  - Teaching

## Awards

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- 1st Place Research Poster
    - CSU's 2024 CIM's Symposium
  - Employee of the Month
    - KSU's CCSE Tutoring Center, Aug 2024
  - President's List / Launchpad Scholarship
    - Clayton State University, 2022-2024
  - Outstanding Speech (4)
    - Stoa Speech & Debate, 2018-2024