Nikolas Thornton

Kennesaw State University
contact@nthorn.com
github.com/nTh0rn
www.nthorn.com

Experience

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

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

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

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

Awards

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, 2018-2020