

## Nathan Cherny

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### EDUCATION

Temple University, College of Science and Technology, Honors Program, Philadelphia, PA  
Bachelor of Science in Information Science & Technology, Expected Graduation: May 2026  
High School GPA of 4.26, Summa Cum Laude

### COURSES

Honors Mathematical Concepts in Computing

### TECHNICAL SKILLS

Python  
JavaScript  
Java

CSS  
PyGame  
matplotlib

HTML  
Flask  
canvasjs

### TECHNICAL PROJECTS

Portfolio Website | [nathancherny.pythonanywhere.com](https://nathancherny.pythonanywhere.com) Oct 1, 2022 - Present

- Created a calculator using only the NAND (not and) logic gate.
- Created an ecosystem simulator that shows evolution and natural selection.
- Created a sudoku game that generates a new sudoku board that features lots of room for customization.

Music-Player Oct 1, 2022 – Present

- A Spotify-inspired application that utilizes various Python modules like Flask, pydub and matplotlib.
- Some notable features are graphing the number of times a song has been played, adding/deleting playlists, clipping, speed changes, random shuffling, bookmarking & more.

Bairs-Bot Dec 2022 – Present

- A bot that, utilizing various APIs, parses tournament bracket information and posts a thread of the greatest upsets on social media.
- Widely utilized by the Philadelphia Super Smash Brothers Ultimate community.

### WORK EXPERIENCE

- Writing Tutor | [www.cbsd.org/Page/66173](https://www.cbsd.org/Page/66173) Sep 2022 – Aug 2023
  - Held roughly 50 tutoring sessions teaching students at CB South High School to improve essay-writing skills.
  - Head designer of CB South High School's writing center website - coded an FAQ page and developed the "About Me" page which improved organization.
- Produce Associate at Giant Feb 2023 – Aug 2023
  - Worked with many coworkers to provide excellent customer service.

### AFFILIATIONS

Member, ACM, TUDev, Temple University Ukrainian Society Fall 2023 – Present  
Member, Coding Club, Computer Science Honor Society Fall 2022 – Spring 2023  
President/Copresident, Competitive Super Smash Brothers Club, Ethics Club Fall 2021 – Spring 2023  
OWLHacks 2023 | [devpost.com/software/outbreak-symptom-tracker](https://devpost.com/software/outbreak-symptom-tracker)