

# Ethan Cantor

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## EDUCATION

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### Bachelor of Science, Computer Science and Music Technology

Graduated August, 2023

Temple University, Philadelphia, PA

- My capstone project was to create an audio visualizer for live performance of electronic music. Using Ableton and Max 8, I created an immersive gravitational particle system, with customizable controls.
- I created a synthesizer with a built in drum machine, arpeggiator, and basic UI using C-Sound and SuperCollider.

### Computer Engineering

August 2017 - December 2019

Rochester Institute of Technology, Rochester, NY

Selected Courses:

- Digital System Design I, II
- Computer Science I, II
- Assembly and Embedded Programming

## EXPERIENCE

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### Co-Owner and Chief Technology Officer

2022 - Present

Eternal Esports Club, Remote <https://eternalesports.club>

- Developed full stack system for the top-ranked Apex Legends Esports Club
- Created a robust platform that reaches thousands of players and exponentially increased profits
- Used Python, SQL, and React/Express to analyze, store, and display player and match information
- Developed custom REST API to allow community developers access to data

### Software Engineering Co-op

June 2019 - December 2019

MSA, Cranberry, PA

- Worked on the Fixed Gas Detection Department team to create safety equipment for gauging dangerous gas levels
- Updated old C libraries to work with new and improved chips

### Freelance Web Developer

March 2016 - May 2016

New York Blood Center, New York City, NY

- Designed and developed an online intervention platform for Project Achieve's HIV research program
- Created an interactive and informative website to allow diverse populations to participate in and gain information about HIV testing

## SKILLS

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- Proficient in Python, Javascript (ReactJS, NodeJS, JSX, Typescript), MySQL, Git
- Experience in Java, C, C++, Linux Server Management
- Adept in quickly learning new programming languages

## ADDITIONAL EXPERIENCE

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### Achievements

- Presidential Scholar at RIT

### Hobbies

- Music Composition and Electronic Synthesis
- Snowboarding, Hiking, and Camping