

# Gabriel Natenshon

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## Projects

### TUI To-Do App (Python)

March 2023 – Ongoing

- Designed, structured, and wrote open source VIM-based terminal to-do list application, focused on best code practices in a large-scale project

### Binary to Decimal Converters (over 50 languages)

July 2021 – Ongoing

- Developed learning tool comparing common concepts across programming languages

## Work Experience

### IT Intern (IT/DevOps) / Cydome

January 2025 – May 2025

- Automated AWS EC2 instance setup and Proxmox VM creation/deletion for testing using Ansible ([IaC](#))
- Designed, implemented 4 Ansible roles for containerized Docker NGINX deployment & service updates
- Developed Terraform module for automatic AWS EC2 ESET Mini-agent setup, deployment, configuration

### IT Program Assistant / Ravinia Festival

May 2024 – August 2024

- Contributed to seamless IT operations for over 100 employees
- Provided help desk technical support, updated and organized hundreds of hardware devices

### Code Coach (Tutor) / theCoderSchool

February 2022 – August 2024

- Created personalized curriculum for 20 students in 1:1 or 1:2 code teaching
- Earned significant praise from students and parents based on competence and adaptability

## Leadership Activities

### Robotics Multi-year Team Captain, FIRST Tech Challenge (FTC)

May 2018 – February 2024

- Engineered award-winning robots, consistently top 10 in the league
- Led hardware, software, and outreach sub-teams, totaling over 15 people
- Nominated unanimously for Dean's List Semi-Finalist junior year

### Band Musician and Leader

September 2016 – Current

- Drum Major/Section Leader, HPHS Marching Giants (Marching band)
- Band Manager, HPHS Bands — competitively selected to manage band program
- Director of Communications and Asst. Choreographer, HPHS Trashcan Ensemble
- Risk Manager, Case Western Reserve University Steel Drum Ensemble

## Education

### Bachelor of Arts in Computer Science

Expected Spring 2029

Case Western Reserve University, Cleveland, OH

### High School Diploma

Spring 2024

Highland Park High School, Highland Park, IL

## Skills and Interests

[Python](#) | [Scripting](#) | [Java](#) | [Vanilla JS](#) | [Ansible](#) | [Linux](#) | [Proxmox](#) | [Freshdesk](#) | [Atlassian Suite](#)

Vintage car racing | Music performance | Calisthenics/gymnastics