

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 ([laC](#))
- 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

Find me online: github.com/mecaneer23, mecaneer23.net, linkedin.com/in/gabriel-natenshon/