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 – May 2024**
- 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

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/