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 adaptablity

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/