Github

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Arsen Melnuchyk

Education

- Bachelor's Degree in Software Engineering at the Vasyl Stefanyk Precarpathian National University (2021-present)

  (1) Data Structures and Algorithms, (2) Networking, (3) Operating Systems, (4) Cryptography, (5) DevOps, (6) Web Development, (7) Databases, (8) Leadership and Management, (9) Linux Essentials, (10) JavaScript Essentials, (11) CS251: Great Ideas in Theoretical Computer Science.

Tools

- **Programming languages:** Go, Java, C, Python, JavaScript, PHP, SQL;

- **Operating systems:** Linux (ArchLinux, Ubuntu, Debian), Windows;

- **Frameworks and libraries:** Spring Boot, Flask, FastAPI, React, Bootstrap, TailwindCSS, Vue, Nuxt, Hugo;

- **Databases:** SQLite, PostgreSQL, MySQL/MariaDB;

- **Other technologies:** HTML, CSS, Markdown, Git, GNU Make, Docker, Bash, Postman, REST API, Qt, Obsidian, LaTeX, GDB, SSH;

- **Services:** GitHub, GitLab, Backblaze B2;

- **Text editors:** VS Code, JetBrains, Vim/Nvim, Eclipse.

University projects

- Music player - music player built with Pyside6 and PulseAudio

- Kids learning - interactive web platform for kids built with Flask and Vue

- Photo album - practice project in Uni to upload photos with Flask, plain HTML, CSS, JS and Backblaze B2

Side projects

- Genutils - minimal and simple core utils for Linux and BSD

- Quizes app - web app using Vue, Nuxt and TailwindCSS

- Flask-labs - web app built with Flask and without JavaScript

- Anime series - web app built with FASTAPI and React

- See - minimal HTTP server written in C

- Xeno - Lisp-like small programming language

Other

- **Languages:** English(B2), German(A1-A2), Ukrainian(native).