Oleh Shulha

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EDUCATION

University at Albany Feb 2026 – Dec 2027 (expected)
B.S. in Computer Science, GPA 4.0 / 4.0 Albany, NY

- **Dean's List**, Spring 2026
- Coursework: Design and Analysis of Algorithms, Database Systems, Principles of Programming Languages, C and Computer Organization, Discrete Structures

Kharkiv Computer Applied College Sep 2021 – Jun 2025
Associate Degree in Software Engineering, GPA 3.88 / 4.0 Kharkiv, Ukraine

- Equivalent to a two-year U.S. degree, completed on a **full scholarship** for academic excellence
- Coursework: Algorithms and Data Structures, Object-Oriented Programming, Databases, Operating Systems, Computer Networks, Software Testing

IT STEP Academy Feb 2018 – Jan 2022
Certificate in Software Engineering Kharkiv, Ukraine

OPEN-SOURCE EXPERIENCE

Modrex Mod Manager May 2026 – Present
Founder / Developer Rust, TypeScript, React, Tauri

- Develop and maintain a mod manager for Windows and Linux with one-click installs, updates, and load-order management across multiple games
- Built the **Rust backend** for game detection, archive extraction, and file management, integrating the ModWorkshop and Nexus Mods APIs
- Automated CI/CD releases with GitHub Actions: signed Windows installers, WinGet updates, and Linux packages

modrex.net | github.com/modrexio/modrex

Refract Minecraft Launcher May 2026 – Present
Maintainer Rust, TypeScript, React, Tauri

- Own **Linux support**, packaging, and installation for an open-source Minecraft launcher
- Fixed WebKit rendering on Linux and added system-adaptive defaults for theme, language, accessibility, and memory allocation

refractmc.net | github.com/RefractMC/Refract_MC

PROJECTS

Medical Clinic Management System 2025
Diploma Project C#, WPF, MySQL

- Built an appointment and patient-records application for clinic staff on the MVVM pattern, with a MySQL database run in Docker
- Designed **role-based access** for doctors, receptionists, and administrators, each with a dedicated workflow

github.com/ShulhaOleh/DiplomaProject

SKILLS

Languages: Rust, TypeScript, C#, C++, JavaScript, Python, SQL
Frameworks: React, Tauri, WPF, Windows Forms, Node.js
Databases: PostgreSQL, MySQL, SQLite
Tools & Platforms: Git, GitHub Actions, Cargo, Bun, Windows, Linux
Spoken Languages: English (Professional), Ukrainian (Native), Russian (Native)