Ruslan Shevchuk

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EDUCATION

University at Albany, SUNY 08/2025 – 05/2029
Bachelor of Science in Computer Science Albany, NY

- **GPA:** 3.6 / 4.0
- **Activities:** Active member of Orange Cluster and LLC World of Computer Science. Participated in discussions with IBM representatives in Fall 2025 through the group's initiative.
- **Relevant Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning

Warwick Valley High School 09/2023 – 06/2025
High School Diploma - Computer Science Classes Warwick, NY

- **GPA:** 97.6 / 100
- **Activities:** I participated in various engineering events (ETEC and Engineering in Albany in 2023). I was a member of a robotics team and competed in competitions. I taught short Java lessons to lower-grade high school students.
- **Relevant Coursework:** Intro to Computer Science, Computer Systems, Intro to Java

EXPERIENCE

RefractMC Launcher | *TypeScript, React, Tauri, Rust* | refractmc.net | github.com/RefractMC 06/2026 – Present
Software Developer

- Grew RefractMC to **8,000+ downloads, 300+ daily active users, and 40+ GitHub stars** by building and maintaining a modern open-source launcher.
- Expanded launcher compatibility across **Windows, macOS, and Linux** by engineering support for Vanilla, Fabric, Forge, Quilt, and NeoForge installations.
- Automated core launcher operations by developing a **Rust/Tauri backend** for Microsoft authentication, Java runtime management, game instances, backups, content updates, and multiplayer server monitoring.
- Improved installation security and reliability by implementing **HTTPS validation, redirect verification, and cryptographic file hash checking** for downloaded game and mod files.

Vans 10/2025 – Present
Customer Assistant Albany, NY

- Supported efficient store operations in a **high-volume retail environment** by resolving customer concerns, replenishing inventory, and coordinating with team members.
- Improved the customer experience by identifying individual needs, answering product questions, and providing **clear and personalized recommendations**.
- Collaborated with coworkers during high-traffic periods to **prioritize tasks and solve problems quickly**, helping maintain smooth day-to-day store operations.

PROJECTS

macOS System Monitor | *Swift, SwiftUI, WidgetKit, AppIntents* | GitHub 4/2026

- Developed a **native macOS system-monitoring application** displaying real-time CPU, memory, network, upload, and download activity through a customizable dashboard and menu-bar widget.
- Integrated **low-level macOS system APIs** to collect processor activity, virtual memory usage, network state, and transfer-speed data.
- Designed a **protocol-oriented architecture** with reusable SwiftUI components, reactive state updates, global theme management, and customizable monitoring cards.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, Rust, Swift, HTML/CSS

Frameworks & Technologies: React, Tauri, SwiftUI, Tailwind CSS, WidgetKit, AppIntents, AppKit

Developer Tools: Git, GitHub, Node.js, pnpm, Cargo, Xcode

Platforms: Windows, macOS, Linux