

DEMID VALIULLIN

Mathematics Student | Software Engineering | Quality-focused Development

Graz, Austria valiullin@student.tugraz.at demid.page LinkedIn GitHub

PROFILE

Mathematics student at TU Graz seeking a first Working Student, part-time, or internship role in software engineering. Based in Graz; open to on-site and hybrid roles in Austria, and remote roles where the employer can hire someone based in Austria. I use Python, TypeScript, tests, and transparent AI-assisted development.

TECHNICAL SKILLS

- Languages:** Python, TypeScript
- Engineering:** Node.js, React, SwiftUI, REST APIs, Git, GitHub Actions
- Quality:** Automated tests, unit and contract tests, deterministic validation, CI and release checks

Authorship principle: I define the problem, product boundaries, acceptance criteria, and release claims; I review and verify AI-assisted implementation before it ships.

SELECTED SOFTWARE PROJECTS

TenderVerdict Next Gen Python / SwiftUI / QA

Local-first decision-support prototype for reviewing public-tender metadata.
Defined the product boundary, acceptance criteria, and release claims; reviewed and verified the AI-assisted implementation. Evidence: 128 Python tests and 20 native contract checks.

LessonProof TypeScript / React / Node.js

Human-approved workflow for bounded AI-assisted changes to learning content.
Defined the approval model and release criteria; reviewed the AI-assisted implementation and verification evidence. Evidence: public prototype and 42 automated tests.

Neja Ready TypeScript / Node.js / QA

Source-linked checklist that exposes missing or conflicting preparation facts.
Selected product direction, scope, public claims, and external gates; verified the AI-assisted release. Evidence: live prototype and 79/79 verification checks.

ACTIVE PROJECT

Demid.Math: Founder and operator of an active mathematics education project. I research, explain, record, and maintain public learning materials, demonstrating ownership and clear communication.

ADDITIONAL EXPERIENCE

Board Member, WeSail Agency OÜ | Jan 2025-present. Secondary board role in an Estonian water-transport rental company alongside university studies.

EDUCATION

TU Graz - BSc Mathematics | Oct 2025-present

University Preparation Programme (VGUH) | 2024-2025

RTU MIREA - Biotechnical Systems | 2023-2024

LANGUAGES

German C1 | English B2 | Russian native