

Denys Keleshohlu

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EDUCATION

Trinity College Dublin

Joint Honours in Computer Science and Economics

Expected: May 2028

First Class Honours (to date)

- **Relevant Coursework:** Data Structures & Algorithms, Programming (Java, C++), Probability & Statistics

CERTIFICATIONS

CompTIA Network+ Certified

October 2025

- Score: 86% (Pass: 77.5%)

Google IT Support Professional Certificate

May 2025

- Score: 100% (Pass 80%)

WORK EXPERIENCE

[Travel Guide UA](#)

January 2025 – Present

Systems Administrator & Developer

Remote

- Tour operator with 20+ years of experience and 20,000+ facilitated tours and excursions worldwide.
- Designed, deployed, and maintained a WordPress-based platform achieving 99.9% uptime.
- Created custom JavaScript/PHP features, managed DNS and SSL configurations, and automated backups.

Multiple Hospitality Positions in Ireland and Ukraine

2023 – 2026

Waiter, Bar Back

PROJECTS

[Cloud-Native Risk Decisioning Microservice – Munich Re Automation Solutions \(Team of 8\) SwEng](#)

- Built a risk-decisioning microservice for their insurance underwriting automation with extensibility for ML-assisted decisioning pipelines.
- Sole developer of the core Rule Decision Engine and the decision flow.
 - Stack: Java (Spring Boot); PostgreSQL (JSONB); GitLab CI/CD; Docker.
- Implemented evaluation of priority-ordered business rules, AND/OR logic, configurable operators, stackable premium adjustments.
- Automated Accept/Decline/Refer outcomes with traceability, audit data and decision logic.
- Extensively debugged and achieved high test coverage across the full decision engine.
- Worked within Agile software engineering and development practices.

[SkyScraper](#)

- Built a JavaFX desktop app visualizing the U.S. Bureau of Transportation CSV dataset (600k+ flights/month) on an interactive Albers USA composite-projection map.
 - Stack: Java 24 (JavaFX, OpenCSV); Maven; GitHub Actions.
- Set up a cross-platform release pipeline producing Linux, macOS, and Windows artifacts via GitHub Actions matrix + jpackage.

Enterprise Network

- Designed and implemented enterprise network topology with Cisco routing/switching in GNS3 and VMware.
- Configured VLANs, routing and Access Control Lists (ACLs) on Cisco devices.
- Deployed pfSense firewall, Windows Server 2022 (AD/DNS/DHCP), and Ubuntu 24.04 LTS Server.
- Troubleshoot network issues using CLI tools (ping/traceroute) and Network+ troubleshooting methodology.

[Denys.sh](#)

- Built a personal website on a Linux VPS using Nginx and Express.js, SSL/TLS and PM2 process manager.
- Configured security headers, HTTPS enforcement, and access controls for secure deployment.
- Built JavaScript features, set up cron jobs running Python scripts at specific intervals.
- Designed a MySQL pipeline to collect, store, and query visitor events for behavioral analysis, traffic insights.

VOLUNTEERING

Student to Student (S2S)

September 2025 – Present

Peer Mentor

- Led weekly 2-hour mentorship sessions for 12 students, providing tailored academic guidance and mental health resources to foster an inclusive and supportive campus community.

SKILLS & INTERESTS

- **Networking & Security:** TCP/IP, DNS, DHCP, VLANs, Routing, ACLs, IPsec, FTP, SSH, Authentication, Authorization, SSL/TLS
- **Systems:** Windows Server, Linux, CLI, Virtualization, Packet Analysis, Monitoring
- **Programming:** Java, C++, Python, SQL (MySQL, PostgreSQL), ARM Assembly, JavaScript, HTML/CSS
- **Tools:** GNS3, VMware, VirtualBox, Git, Wireshark, Google Workspace, Microsoft Office Suite
- **Languages:** English, Turkish, Russian, Ukrainian (all fluent); French, Polish, ASL (intermediate)
- **Interests:** Motorbikes; Gym; Reading; Traveling; *The Office*