ARTOGHRUL GAHRAMANLI

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EDUCATION

Karadeniz Technical University — Trabzon, Turkey
Bachelor's in Computer Engineering - Honors Degree — Nov 2016 - Jan 2021

Czech University of Life Sciences — Prague, Czech Republic
Master's in Informatics *GPA: 4.0* — Sep 2024 - May 2026

EXPERIENCE

Barclays — Prague, Czech Republic
Senior Software / DevOps Engineer — June 2023 - Present

- Software - Working on internal software supporting a 700 people Quants dev team
- DevOps - Helping developers with deployments, administering CI/CD tools like Jenkins, TeamCity, BitBucket, GitLab, Nexus, Jira etc.

Fortinet — Prague, Czech Republic
TAC Engineer — Aug 2022 - June 2023

- Tech Support - Supporting Fortigate products at an advanced level
- Troubleshooting - Figuring out solutions to customers' network problems that require advanced investigation, proposing solutions and improvements

Northern Light Media Visions — Estonia (Remote)
SysAdmin & DevOps Engineer — Nov 2021 - Aug 2022

- Server Admin - Installation and configuration of live & test Linux servers, Docker environments
- CI/CD - Configuring and Administering DevOps pipelines
- Security - Auditing and configuring various systems

Idea Innovation — Trabzon, Turkey
Network Engineer — Sep 2020 - Nov 2021

- Network architecture - set-up and administering of Switches, Routers, Firewalls and Load Balancing Systems, with strong experience using Cisco products
- Server Admin - Windows + Linux, configuring server roles including auth, email etc.

securKEY — Istanbul, Turkey
Software Developer — Feb 2020 - Jul 2020

- Software Development - Worked on security oriented software using C++ and C# w/ .NET

SKILLS

Programming Languages:	Rust, C, C++, C#, Python, Bash, PowerShell, Go
DevOps:	Chef, Ansible, Docker, Git, CI/CD
Network / System Administration::	Cisco IOS, VMware, TCP/IP, FortiGate, Sophos
Other Relevant Skills:	Documentation Writing, Scripting, Research, Collaboration
Languages:	English-Excellent, Turkish-Native, Azerbaijani-Native, Czech-Beginner
Certifications::	CCNA, SCE

PROJECTS

Lockne *Rust, eBPF, Wireguard* — https://github.com/artogahr/lockne
Dynamic Per-Application VPN Tunneling, alows you to configure the packets from a process to only be able to go through a specific Wireguard tunnel. Master's thesis project.

Ray Tracer *Rust* — https://github.com/artogahr/ray-tracer
A ray tracer implemented fully in Rust, based on Peter Shirley's "Ray Tracing in One Weekend" C++ series. It features depth of field, a basic material system and multi-threaded rendering.

Realtime Videochat application *C++, C#, .NET*
Using C++ and .NET, created a realtime Video calling application that had UDP Hole Punching capability, and could do both Client-to-Client and Client-Server-Client modes of enabling a video call. Gained experience on optimization of realtime applicaitons, network stack, compression of realtime data etc.