Artoghrul Gahramanli

Prague, Czech Republic · arto@gahr.io · gahr.io

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   Sep 2024 - Ongoing

Projects

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.

Machine Learning Classification Application *C, C++, .NET*
As a University project, built an application that is able to learn from existing data and classify new data points. Used C, C++ and .NET

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.

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