

CURRICULUM VITAE

ONAT ATMACA

IT administrator and industrial automation, Berlin

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Berlin, Germany

EXPERIENCE

Werkstudent, IT Administrator and Industrial Automation

AUG 2024 TO PRESENT

ORmatic GmbH · Berlin

- SCADA, historian and operations dashboards for biogas plants worldwide: setup, integration and visualisation.
- Multi-site industrial data flows and reporting over SQL Server and OPC UA.
- Secure remote access and networking for plant sites: VPN, DNS, virtualisation.
- Internal IT operations and office infrastructure.

Assistant Musicologist

JUL 2021 TO MAY 2024

Enote GmbH · Berlin

- Digitised classical sheet music onto an interactive platform: migration, cataloguing and metadata enrichment of large score libraries.
- Automated much of the digitisation workflow in Python with optical music recognition.
- Contributed to AI-assisted score analysis and classification.

PROJECTS

BeaconFind

SHIPPING

private local AI file search for Windows

- Press Ctrl+K and search inside your files by meaning, not filename. Every model runs on your own machine, so files, queries and the index never leave it. Solo project: Rust and Tauri backend, React and TypeScript front end, SQLite with encryption at rest, and a hybrid search engine that merges keyword and semantic results. Sold at beaconfind.app and listed on the Microsoft Store.

Nothing Moved

IN PRODUCTION

idle security-guard game for phones

- You are a night watchman whose one-person firm grows into a security company. Draw cameras, lights and guard loops onto a blueprint floor plan, then close the app. The shift runs while you are away. Open it in the morning to check the camera feeds, spot what changed, and read the night's report. Godot 4.6, GDScript, portrait, iOS and Android.

TransArt Collection

LIVE

cross-border art marketplace

- Original art sold on consignment, rooted in Turkey. Co-founder, responsible for the platform, payments and operations: Next.js storefront, self-hosted Postgres, Turkish card and bank payment rails, e-invoicing and a shipping aggregator, plus the tax and compliance work that goes with selling physical goods across a border.

morsemeplease

LIVE

real-time morse code chat

- Pairs two strangers at random and lets them talk only in dits and dahs. Built for fun, then kept running because people used it. React and Vite front end, Express and Socket.io behind it, self-hosted on a home server in Berlin and reachable worldwide through a Cloudflare tunnel.

EDUCATION

Computer Engineering, B.Sc.
Technische Universität Berlin

OCT 2023 TO PRESENT

- Current focus.

Physics, B.Sc.
Technische Universität Berlin

OCT 2019 TO PRESENT

- Switched focus to computer engineering in 2023; still formally enrolled in both.

LANGUAGES

Turkish	Native
English	Fluent
German	Fluent

SKILLS

LANGUAGES

- Python
- C
- Java
- Rust
- TypeScript
- JavaScript
- SQL

INDUSTRIAL

- SCADA
- Historian
- Operations dashboards
- OPC UA
- SQL Server
- WinCC Unified

SYSTEMS

- Windows Server
- Proxmox
- TrueNAS
- k3s
- Docker
- Nginx
- OpenVPN
- Tailscale

BUILDING

- React
- Next.js
- Astro
- Tauri
- Godot
- Git
- .NET