Ozan Güven

Engineering student at KTH Royal Institute of Technology,
interested in UX/HCI, AI/ML, and product development

portfolio @ ozngvn.com

EDUCATION

KTH Royal Institute of Technology

B.Sc. in Media Technology (planned M.Sc. in Machine Learning)

2023–Present · Stockholm, Sweden

- Interaction Programming and the Dynamic Web - DH2642
- Human-Computer Interaction - DH1622
- Applied Computer Science - DD1320

PROJECTS (more info on portfolio website)

“iMotion”

Personal Project: Python, Computer Vision, macOS Continuity Camera

2026

- A traffic speed camera setup using my iPhone through wireless macOS Continuity integration
- Python / OpenCV pipeline that detects and tracks cars with Ultralytics YOLO and calculates speed through pixel movement based on image-to-ground homography
- Interactive visual calibration, trajectory prediction for occlusion, and outlier rejection

“LyricOverlay”

Quality of Life Tool: Electron, AppleScript

2025-2026

- An always-on-top macOS application for synchronised song lyrics alongside Spotify playback
- Visual freedom through opacity, background color, text color, text alignment, and font settings
- Broader lyrics library than native Spotify and most often better syncing

“friction”

Personal Tool: Fully built through agents, uses Swift & Chromium V3 extension

2026

- Soft distraction blocker based on user friction and urge decaying (works on both apps and URLs)
- Swift macOS app with accompanying Chromium extension
- App locking followed by 30-second delay, intention phrase, and master PIN challenge to “break through”

“Hey Spotify”

Personal Tool: OpenAI Whisper, Python, AppleScript

2026

- An always-on voice command CLI using Whisper to parse for phrases and run AppleScript-based commands that control Spotify on macOS (volume, playback, shuffle)

“Cava”

Micro Startup: AI-based fitness & nutrition plans

2024

- Built an automated AI pipeline integrating two LLMs with curated data to handle the creation of plans
- Built a data flow between the application and the AI models that handled data formatting, response parsing, and delivery of generated plans back to the application

EXPERIENCE

Hello World!

Student Leader

Mar 2024 - Mar 2025 · Stockholm, Sweden

- Provided educational services and supported students in developing technical skills
- Explained complex, technical concepts in easy-to-digest and engaging ways for youth

reachable at ozang@kth.se

Capabilities

Prototyping
UI/UX Design
Frontend Development
Software Development
AI-assisted Development

Tools & Technologies

- Python, TypeScript, JavaScript, C#
- React, HTML, CSS, Vite, Three.js
- Git, GitHub
- Claude Code & Cursor

Languages

English (C2 Proficient)
Swedish (Native)
Turkish (Native)

Personal Interests

Wild camping & the outdoors
Video editing

Links

linkedin.com/in/ozngvn