F. Gabriel Van Langenhove

Technical CV

gabriel@corvus.gent | Based in Ghent, Belgium

Summer 2027 preference: United States or China - San Francisco, New York, Shanghai, Hong Kong or Shenzhen

Web profile: corvus.gent/cv/tech/

I turn ideas into working products, then test and improve them with real feedback. My background brings together computer science, full-stack development, robotics and applied AI. At Corvus, I own the path from browser interface to serverless API and community experience.

COURSE RESEARCH

Mutual Manipulation Between LLMs and Humans

Course research with A. Buzogany | 2025. Questions about influence, agency and human-AI interaction.

Read: /papers/llm-human-manipulation.pdf

Model-Based & Physics-Informed Deep Learning in Medical Imaging

Course research in a team of five | 2025. Connecting computational models with domain constraints.

Read: /papers/model-based-dl-medical-imaging.pdf

SELECTED PROJECTS

Corvus | product engineering

JavaScript, Node.js, Redis and Vercel. Built user-facing browser flows, serverless endpoints and aggregate analytics; iterate from real feedback.

Dwengo-1 | learning platform

Led a team of seven building a platform for teachers to assign and track work. TypeScript, Node.js, Vue.js, Docker and Postgres | 2025.

PartyCrasher 3000 | autonomous robot

A robot that drives, dances, talks and serves drinks. Python, ROS 2 and Bash | 2025.

EXPERIENCE

Founder | Corvus | November 2026-present

Build and operate a community website with JavaScript, Node.js, Vercel serverless functions and Redis. Connect product and community: public logo voting, user-submitted designs, feedback forms and aggregate visitor analytics.

Earlier: GTM intern at Pidgy / Alkmist (October 2026); founded a web studio and tutoring business (2025-2026).

EDUCATION

BSc in Computer Science | Ghent University | 2021-2025. Completed bachelor's degree. Academic transcript available.

MSc studies in Computer Science Engineering | Ghent University | 2024-2026. Discontinued to work at a Ghent start-up and build independently. Coursework included Robotics, Machine Learning, AI Research Seminar, and Parallel & Distributed Software Systems.

SKILLS

Python, JavaScript/TypeScript, Rust, C/C++, Node.js, ROS 2, Postgres, Redis. AI-assisted development with Codex and Claude.