

# Felix Benjamin Cenusa

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## SKILLS

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**Languages:** Python, C++, JavaScript, SQL, HTML/CSS

**Tools:** Node.js, React, FastAPI, Flask, MySQL, AWS, Git/GitHub, Raspberry Pi's

**Areas:** Algorithms, Distributed Systems, Security, Backend & Full-Stack Dev, DevOps

**Fluently Spoken Languages:** Swedish, English, Spanish, Romanian

## EXPERIENCE

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### Ertzy AB

*Intern → Junior Software Developer*

Karlskrona, Sweden

*Jun 2025 – Present*

- Built internal systems & main pages. FastAPI, AWS EC2, Dash, React, more.

### NKT (via BTH)

*Intern, Team Lead — Software Engineering*

Karlskrona, Sweden

*Jan 2025 – Jun 2025*

- Led & partook in a 6-member team; delivered a working prototype shaped by client feedback.

### Blekinge Institute of Technology

*Teaching Assistant — C++ / OOP*

Karlskrona, Sweden

*Sep 2024 – Jan 2025*

- Mentored students in debugging, optimization, and core OOP concepts.

### Freelancer

*Programming & Code Review*

Remote

*Jan 2022 – Aug 2023*

- Delivered automation and full-stack projects on Fiverr/Upwork.

## COMPETITIONS & ACHIEVEMENTS

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[1st place](#) — Holitech Capture the Flag (Apr 2025)

[Top 20](#) — Lund University Programming Challenge (Apr 2025)

[Hackathons](#) — Mashup AI (graph-DB therapist AI), Chalmers (Jane Street sessions)

[Consistent Advent of Code participation](#) — Active Codeforces competitor

## PROJECTS

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[TimeToMove](#) — Secure web app with Gmail login, file uploads, admin tools (Node.js, MySQL, EJS).

[Custom File System \(C++\)](#) — FAT implementation supporting `ls`, `mkdir`, `create`. (Private repo, available on request)

[Aristotle's Puzzle Solver \(C++\)](#) — Optimized algorithm reducing runtime from hours to seconds.

[Advent of Code 2024 \(Python\)](#) — Complete challenge solutions with video walkthroughs.

[8-Segment Display Controller \(ARM Assembly\)](#) — Real-time input via polling/interrupts. (Private repo, available on request)

## EDUCATION

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### Blekinge Institute of Technology (BTH)

*B.Sc. Software Engineering — Final year*

Karlskrona, Sweden

*Aug 2023 – Jun 2026 (expected)*

- Exchange term at **Newcastle University, School of Computing** (2025): Computer Vision & AI, Cryptography, Data Visualization, Distributed Systems, DevOps, Security Programming.
- Bachelor's Thesis (Spring 2026).

## OTHER EXPERIENCE

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Dagab — Logistics Assistant (2021–2022). Supported warehouse operations and workflows.

Dynamic Code — Production Line Manager (2020–2021). Oversaw production processes, reduced delays.

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[self hosted CV](#) — [best.felixcenusa.com](https://best.felixcenusa.com) — [directory.felixcenusa.com](https://directory.felixcenusa.com) — [felixcenusa.com](https://felixcenusa.com)