

# FLAVIO GOETZ



## PERSONAL INFO:

- Heidenheimer  
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- <https://github.com/flaviogoetzlopez>

## SKILLS

Python, C, C++,  
Java, HTML, CSS,  
JavaScript, x86-64,  
Assembly, RISC-V,  
LaTeX, Ocaml,  
Git, Arduino,  
Linux Manjaro, Docker,  
Wolfram Mathematica,  
Blender

## LANGUAGES

Spanish Mother Tongue  
German: C1  
English: C1

## AWARDS

- Gold Medal, Venezuelan National Mathematics Olympiad — 2019
- Silver Medal, Venezuelan National Mathematics Olympiad — 2018
- Silver Medal, Venezuelan National Mathematics Olympiad — 2016

## SUMMARY

Highly motivated international Computer Science student at TUM with a strong background in mathematics and software development. Moved independently from Venezuela to Germany at age 15 to complete my Abitur while living with a German host family.

## EDUCATION

### **B.Sc. Computer Science | Technical University of Munich | 2023 - Present**

- Top 20% of cohort; Grade: 1.9
- 87 ECTS completed (currently in 4th semester)
- Writing a research paper on modern supercomputing architectures

### **Abitur | Leonardo daVinci Campus, Germany | 2021-2023**

- Final grade: 1.1
- Aerospace (Luft- und Raumfahrt) academic profile
- Delivered official graduation speech for the class
- Awarded a full academic scholarship
- Computer Science Student Representative

### **Middle School | Colegio Humboldt Caracas | 2015-2023**

- Awarded full scholarship multiple times for academic excellence
- Skipped 8th grade.

## PROJECTS

### **Rubik's Cube Solver (Scientific Paper)**

- Developed a complete system to photograph (camera-based color recognition program), digitize and solve a physical Rubik's Cube.

### **AI-Powered Recruiting Assistant (Open AI Hackathon 2025)**

- Built a web-based tool using LLMs to match GitHub candidates to roles
- Technologies: JavaScript, React, GitHub API, OpenAI API

### **Super Earth Guardian (Game Design)**

- Developed 'Super Earth Guardian,' a winning entry in the GamesTalente competition, leading to a one-week expert-led game design workshop

## EXPERIENCE

### **Internship @ Universität Cottbus-Senftenberg | Oktober 2022 - 3 Weeks**

- Development of Efficient algorithms in C++

### **Sales Intern @ Purora | April 2022**

- Supported the Sales team in the "Humor Expo Vienna" as one of the representatives of the Company