Michal Spano

Passionate Software Engineer

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📄 SUMMARY

Passionate Software/Website Developer and Data Analyst from Slovakia, based in Sweden's Gothenburg – a Student of Software Engineering and Management at Gothenburg University/ Chalmers, Sweden.

✏️ WORK

IT Consultant / Jan 2023 - present

Chalmers Teknologkonsuler AB, Sweden
Junior consultant in the IT sector; Chalmers Teknologkonsulter (CTK) is one of Sweden's largest student-run consulting companies. Participation in various projects with current industry partners.

Sales   Project Management   Agile Development
Consulting   Website development

Website Developer / Sep 2021 - present

Klas, s.r.o., Slovakia
Website development and curation at *klasfarm.sk*. Website platform UI/UX design (+Marketing Design). Creation/maintenance of an interactive RIA (Project Kukuričné Bludiská), futher customer data gathering & analysis.

Bash   Git   HTML   CSS   JavaScript + Node.js   Go
Boostrap & jQuery   Graphic desing

Summer Student Job / Jul 2021 - Aug 2021

SPP - distribúcia, a.s., Slovakia
Documentation assistant.

Management   Customer Service

📋 SKILLS

Languages: Python, Java, JavaScript, Go, C, HTML, CSS, Bash/Shell

Tools: Pandas, Flask, NumPy, Matplotlib, Tkinter, Kivy - Python; Node.js, Vue.js, Graph.js - JavaScript; Shell scripting, CLI (tmux, neovim), LaTeX, Markdown, git (GitHub/GitLab), sqlite3, Jupyter Notebook

Other: Open-source, Adobe After Effects, Adobe Photoshop, Figma, Affinity Photo, Graphic Design

🖌️ OTHER PROJECTS

- **Maturity exam (national examination) 2021/2022 (Slovakia) - Objective Data Analysis** - Creation of a form related to the external part of the secondary school leaving examination year 2021/2022 in Slovakia. Subsequently, data processing and analysis into graphic attributes, such as graphs, etc. using the program of the Python3 language. The result of the project is a work collecting all the analyzed data in the form of a booklet.
- **COVID-19 visualised - Slovakia** - COVID-19 Projection in the Slovak republic - an interactive web-based applet made with Flask and Chart.js gathering the newest data obtained from the API in various categories (link).
- **Svenska för Utlänningar/Swedish For Foreigners (SFU)** - *"SFU"* (EN: Swedish for Foreigners, SE: Svenska för Utlänningar) is a multimedia platform which focuses on Sweden's traditions, language, culture, history, etc - via Instagram (3500+ followers). Content creation (Swedish-English language oriented); graphic design & engaging sketches/videos; social media management; community leading.
- **Study Materials for Mathematics and Computer Science students** - A collection of open-source study materials for Mathematics and Computer Science students, written primarily in LaTeX, Jupyter Notebook and Markdown.
- **The Swedish Bot** - An open-source Twitter Scraper and a smart Discord bot written in Python3 (docs).

🎓 EDUCATION

Software Engineering and Management - 2022–2025

Bachelor's degree, Gothenburg University | Chalmers, Sweden
Description: Software Engineering and Management (SEM) at the faculty of Computer Science and Engineering (CSE).

School-leaving Examination Certificate - 2017–2022

Súkromné Bilingválne gymnázium (Private Grammar School) Česká 10, Slovakia

Description: Mathematics, Computer Science, English (C1), Slovak - Pass with distinction (A).

⭐ LICENSES & CERTIFICATIONS

- **CS50's Introduction to Computer Science** (CS50 | Harvard University)
- **Pre-University Calculus** (Technische Universiteit Delft)
- **TOEFL iBT**
- **The Duke of Edinburgh's International Award - Bronze level** (Slovakia)

- **International Masterclasses Particle Physics 2021** (Univerzita Mateja Bela v Banskej Bystrici)

⚽ ACTIVITIES / INTERESTS

Passionate **language learner**; extensive proficiency in English (C1); professional working proficiency in German and Swedish. Currently learning Spanish and Icelandic - elementary competence.

Content producer and self-taught **graphic-video designer** working as a freelancer on projects with contemporary visual elements.

Impassioned **writer** of all types of literature, both Slovak and foreign (English, Swedish), specialising **academic papers/articles** on Mathematics and Computer Science.