Martin Sivák

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Profile

I am a dedicated student enrolled at the Faculty of Informatics and Informational Technologies in Bratislava, with a profound interest in the intersection of medicine and technology. Driven by a passion for science and research, I am eager to leverage cutting-edge technologies, including AI/ML algorithms, to advance healthcare and enhance the well-being of individuals worldwide. Thriving in challenging environments, I approach problems as opportunities to expand my knowledge, skills, and abilities.

Work Experience

Software Engineer
smartAIm s. r. o.

📅 06/2024 📍 BRATISLAVA, SLOVAK REPUBLIC

At smartAIm, I am designing and developing web applications for different customers. My current techstack includes Figma, Vue.js, Nuxt.js, Tailwind CSS and TypeScript.

Junior Software Developer
Zurich Insurance Company Ltd, organizačná zložka

📅 03/2023 📍 BRATISLAVA, SLOVAK REPUBLIC

At Zurich, I work as a Junior Software Developer actively dedicated to developing and maintaining a vital small-sized project, tailored for our internal business and developer teams. With proficiency in R and the tidyverse packages dplyr and purrr, I ensure efficient data processing. I specialize in creating impactful, user-friendly reports through HTML and CSS, ensuring that data comes to life. I'm enthusiastic about learning and team collaboration, and eager to contribute to our collective success.

Software Tester
ČSOB

📅 08/2022 – 01/2023 📍 BRATISLAVA, SLOVAK REPUBLIC

At ČSOB, I meticulously ensured the quality of mobile and web applications in the banking and financial services sector, contributing to impeccable user experiences.

Education

Informatics
Faculty of Informatics and Information Technologies

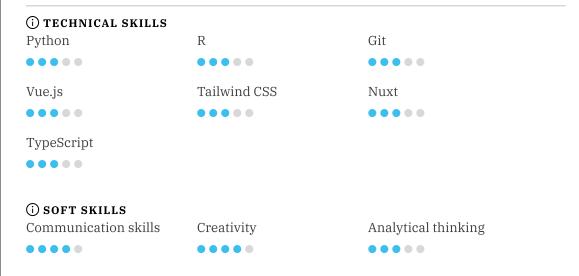📅 09/2021 📍 BRATISLAVA, SLOVAK REPUBLIC

- Pursuing a degree in Informatics and Information Technologies, focusing on software engineering and artificial intelligence, which equips me with essential skills for tech advancements.
- Conducting research for my bachelor's thesis on AI integration in medicine, specifically developing methodologies for automatic detection and segmentation of cell nuclei in breast cancer histopathology images, helping improve diagnostic accuracy.
- Contributing as a member of the Study Program Board, which enhances curriculum development across all faculty programs.
- Serving on the Disciplinary Committee, which reinforces academic integrity and upholds standards within the faculty.

Eight-year Gymnasium
Spojená škola, Tilgnerova 14
📅 2013 – 2021 📍 BRATISLAVA, SLOVAK REPUBLIC

ⓘ TECHNICAL SKILLS

Python	R	Git
●●●●○	●●●○○	●●●○○

Vue.js	Tailwind CSS	Nuxt
●●●○○	●●●○○	●●●○○

TypeScript		
●●●○○		

ⓘ SOFT SKILLS

Communication skills	Creativity	Analytical thinking
●●●●○	●●●●○	●●●○○

ⓘ LANGUAGES

English - Upper
intermediate (B2)
●●●○○

Hackathon Win 🏆
hacknime.to
📅 02/2025
https://www.hacknime.to/en/hackathon/digital-fair-portal-of-the-city

- Designed and developed a digital platform for managing a fair market in Revúca, meeting specific customer requirements
- Implemented administration tools for organizers, marketeer registration and payment management, and a market customer interface with a focus on simplicity, efficiency, and minimalist design
- Introduced a versatile system for organizing various events requiring marketeers to reserve physical space within a city
- Created a visual tool for drawing city zones, automatic price-per-meter calculation, and event creation from templates
- Implemented a waiting list for marketeers in case of cancellations and QR code validation for on-site verification by organizers
- Successfully achieved project goals through frequent mentor consultations, creative problem-solving, effective role management, and exceptional teamwork with colleagues.

📖 Books   🏋 Sports   👥 Time with friends

in @sivak-martin