

Kiarash Delavar

Software Engineering Student | Robotics Intern at SMART Lab



✉ kiarash.delavar@gmail.com ☎ +31 6 17174048

📍 Slangenburg 327, 7423 ZN Deventer 🌐 github.com/kiarashdelavar

LinkedIn [linkedin.com/in/kiarash-delavar](https://www.linkedin.com/in/kiarash-delavar) 📅 Date of birth: 5th September 2004

Profile

Software Engineering student and Robotics Intern working on real robot motion safety challenges using ROS2, MoveIt2, and C++. I combine software engineering with robotics to solve practical problems and build reliable, testable systems. I learn fast, work well in technical teams, and enjoy taking ownership of real engineering tasks. Whether it's robotics, embedded work, or full-stack development, I like turning complex problems into clean, working solutions.

I'm looking for a full-time internship in Software Engineering, DevOps, Full-Stack Development, Embedded Systems, or Robotics, starting in September 2026, or a part-time job where I can contribute to real projects, improve my skills, and add value from day one.

Employment

Robotics Intern, Smart Mechatronics And RoboTics (SMART) Research Group

Improving ABB GoFa robot safety using ROS2, MoveIt2, and C++. Investigating motion anomalies (overshooting, sudden acceleration, trajectory instability) and validating safe robot behaviour. Built ROS2 test nodes, analyzed real-time logs, and collaborated with researchers to optimize motion profiles and improve system reliability.

11/2025 – Present

Enschede, Netherlands

Co-Founder | CEO, Novara

Leading the development of an AI-powered SaaS platform helping SMEs work smarter.

10/2025 – Present

Deventer, Netherlands

Market Research Intern, Vienna Opera

Researched digital visitor tools (chatbots, voicebots, kiosks) and compared vendors (Zendesk, Tidio, Twilio, Intuiface). Evaluated integration with TYPO3, ticketing, and GDPR compliance to support modernization of visitor communication.

11/2025 – 01/2026

Vienna, Austria

Student Assistant, Saxion University of Applied Sciences

Assisted first-year students with assignments, study questions

05/2025 – 12/2025

Deventer, Netherlands

Education

BASc, Software Engineering (HBO-ICT), Saxion University of Applied Sciences

Activities:

1- Novel-T Entrepreneurial Summer School 2025 (Tweente University)

2- Member of Honours Community

3- Academic engineering projects (Github portfolio)

4- E³UDRES² Intensive Programme Design Thinking & Prototyping Lab-St. Pölten

09/2024 – Present

Deventer, Netherlands

High School Diploma, Mathematics and Physics, Energy High School

Graduated with a 12-year High School Diploma in Mathematics & Physics, with focus on advanced mathematics and problem-solving skills.

09/2020 – 06/2023

Mashhad, Iran

Skills

Python — Proficient	Java — Proficient
JavaScript — Proficient	SQL / PostgreSQL / SQLite — Proficient
Teamwork — Proficient	C++ — Proficient
Git / Gitlab / Github — Proficient	Bitbucket — Proficient
Full-Stack Development — Proficient	Tailwind CSS — Proficient
Next.js / React.js — Proficient	Node.js / Express.js — Proficient
Svelte — Proficient	ROS2 — Proficient
MOVEIt — Proficient	Robotics — Competent
Microsoft Azure — Competent	Spring Boot — Competent
Supabase — Competent	C# — Competent
ASP. NET — Competent	AWS — Competent

Languages

Persian (Farsi)	English	Dutch
Native	C1	B1 (Actively learning)

German

A1 (Actively learning)

Projects

Novara ↗	09/2025 – Present
• Building an AI-powered SaaS platform with Next.js, Supabase, Tailwind CSS, and a Spring Boot backend.	
Project Acquisition Tool for Saxion ↗	11/2025 – 01/2026
• Built a full-stack Project Acquisition Tool for Saxion that allows clients to submit projects, students to explore assignments, and teachers to manage and assign them through an integrated dashboard (with Svelte, Node.js / Express.js)	
Kiarash Cinema movie reservation website ↗	09/2025 – 10/2025
• Built a full-stack movie reservation website with Svelte, Node.js, SSE updates, and JWT authentication.	
Railway Track Manager ↗	09/2025 – 10/2025
• Java-based Railway Track Manager that loads Dutch railway data and provides shortest routes, round trips, and MCST generation using custom data structures and algorithms (Dijkstra, Prim). Built with SaxionApp for visual output.	
Frog-Autonomous Navigation System ↗	04/2025 – 06/2025
• Built an autonomous navigation system in Java using radar-based obstacle detection, real-time communication (SaSaCommunicator), a JavaFX mission GUI, and SQLite data logging.	

Certificates

Cybersecurity for Everyone University of Maryland  Issue date: Nov 2023	Data Science Math Skills  Issue date: Nov 2023	Advanced Google Analytics  Issue date: Dec 2023
Business Analytics with Excel  Issue date: Dec 2023	Student Coaching Saxion  Issue date: Oct 2025	Introduction to Generative AI  Oct 2023

Volunteering

Team Member  , Accenture Netherlands Developed AI-driven sustainability solutions for Accenture's IRL Season 8 challenge.	11/2024 – 12/2024 Amsterdam, Netherlands
Teaching Assistant , Energy High School Volunteered as a teaching assistant for Calculus I.	11/2021 – 06/2022 Mashhad, Iran

Awards

Top Representative for " Calculus I " course , Energy High School Recognized as top representative in Calculus I.	10/06/2022
Semi-Finals of Accenture In Real Life Season 8 Challenge , Accenture Netherlands Semi-finalist for an AI-driven sustainability solution in Accenture's IRL Season 8 challenge.	01/12/2024
3rd Place – Mabtakeran Chess Tournament , Mabtakeran Chess Academy Achieved 3rd place in a regional chess competition.	05/08/2017