

Ramez Alghazawi

Autonomous Vehicle Engineer | V&V Testing

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PROFILE

Autonomous Vehicle Engineer with experience in **system-level validation, integration, and certification** of autonomous systems. Key contributor to Fernride's TÜV SÜD certification of **the world's first autonomous terminal tractor**. With proven ability to **deploy, troubleshoot, and present results to cross-functional teams**.

EMPLOYMENT HISTORY

Autonomous Vehicle Engineer

Fernride GmbH

11/2024 – Present

Munich, Germany

- Contributed to **the world's first TÜV SÜD–certified autonomous terminal truck**.
- Executed and evaluated **1,200+ system-level tests** at Penzing airport, proving grounds, and Estonia's main port.
- Built a **Python automation tool** that reduced data-linking effort by **50%**.
- **Coordinated cross-team test campaigns**.
- **Reviewed requirements** and supported system validation and documentation.

Infotainment Testing Engineer

Accenture / Umlaut

08/2023 – 08/2024

Ingolstadt, Germany

- Executed **70+ manual and 150+ automated infotainment test cases** on Audi & Porsche systems, validating **touchscreen HMI functionality, system stability, and embedded SW performance**.
- **Evaluated overnight automated runs**, analyzing failures and preparing daily reports influencing release readiness.
- Reported and tracked defects in **Jira**, collaborating in a 2-engineer team to maintain reliable **HiL test benches, embedded validation setups, and SW flashing/configs**.

ADAS Simulation & Validation Engineer

Perpetuum Progress

06/2022 – 09/2022

Ingolstadt, Germany

- Conducted **virtual validation of ADAS functions** using **IPG CarMaker, Carla, and esmini**, modeling scenarios and importing **HERE map data** to replicate real traffic environments.
- Designed and executed **simulation-based test cases**, supporting ADAS feature development and improving validation workflows for accurate and scalable testing.

EDUCATION

Autonomous Vehicle Engineering B. Eng

Technische Hochschule Ingolstadt

09/2020 – 03/2024

Ingolstadt, Germany

Vehicle Electronics, Machine Learning, Software Development, Simulation & Modeling, Communication Networks.

Industrial Engineering B. Eng

Germany Jordanian University

08/2017 – 02/2020

Amman, Jordan

SKILLS

Programming & Data — Python, C++, Pandas, Numpy, Matplotlib, TensorFlow, **Simulation & Modeling** — IPG CarMaker, Carla, Simulink, Fusion 360, **Requirements & Tools** — JAMA, Jira, MS Office Suite, Excel, AutoCAD, **Testing & Certification** — System-level validation, requirements traceability, TÜV certification documentation.

LANGUAGES

English — Fluent • **Arabic** — Native • **German** — Conversational