

PEPPER HERMAN

Noordwijkerhout, Zuid-Holland

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SKILLS

ROBOTICS & EMBEDDED

ROS 2
C++ / PYTHON
SLAM
CONTROL THEORY
EMBEDDED SYSTEMS

WEB & MOBILE

JAVA
KOTLIN
ANDROID COMPOSE
HTML
CSS
JAVASCRIPT

LANGUAGES

DUTCH

ENGLISH

SOFTWARE ENGINEER

I'm Pepper Herman, a 25 year old Software Engineer who recently graduated from the HvA with a Bachelor's in Software Engineering. I'm curious, analytical, and enjoy figuring out how things work. I'm a full-stack developer who's just as happy building web apps from database to interface as I am writing Android apps in Kotlin. Over time I've grown a strong interest in robotics, and for my graduation project at the HvA Maintenance Lab I worked hands-on with ROS 2, V-SLAM, and autonomous system control. I love building software that has to hold up in the real world, and I'm now looking for opportunities to start my career as a junior engineer.

GRADUATION PROJECT

**Robotics & Autonomous Systems Intern,
HvA Maintenance Lab**

Sep 2025 - Feb 2026

My project focused on building a real-time navigation stack in ROS 2 for an autonomous indoor blimp. I improved its control and navigation using a predictive controller. The project gave me hands-on experience with underactuated systems, V-SLAM, and real-time processing on embedded hardware.

INTERNSHIP

Android Developer, Move Agency

Sep 2023 - Feb 2024

During my time at Move Agency, a leader in native Android and iOS app development, I focused on enhancing my skills in Kotlin and Android Compose. I contributed to the 'Budget Thuis' app, navigating and adapting a large existing codebase. This experience sharpened my technical abilities and provided insight into agile development and team collaboration.

EMOLOYMENT HISTORY

Support Employee, Nespresso

May 2019 - Oct 2023

As a Support Employee at Nespresso, I monitored incoming stock and kept the inventory accurate, handled order picking and preparation, and supported the day to day warehouse operations.

EDUCATION

Hogeschool van Amsterdam

Sep 2021 - Jan 2026

HBO-ICT: SOFTWARE ENGINEERING (BACHELOR, FULL-TIME)

Rudolf Steiner College Haarlem

2019

NT/NG HAVO