



# Internship Embedded Engineering

Tim Bruines – 06-01-2025

## About Us

Sensible Healthcare Systems, a Dutch company developing the connected biosensing platform of the future, is on a mission to bring the power of accurate and personable insight into our own biology to hundreds of millions of people worldwide at a revolutionarily low cost.

Our focus today is on the development of our first product, idi one, a minimally invasive continuous glucose monitoring system (CGM). To reach our goals, we are seeking a Senior Scientist to join our R&D team in Delft.

## Job Description & Responsibilities

We are looking for a Embedded Engineering student to help optimize our sensor firmware and prove that the firmware and hardware is working as intended,

The job entails developing features and automatic tests for the firmware powering our wearable device. This includes:

- Firmware development (C++) using Zephyr OS
- Test environment development (C++, Python and Github CI/CD)
- Hardware review and development (Optional)

## Your Qualifications and Skills

This internship is highly challenging and will enable you to gain experience quickly on the intersection of embedded systems, software development operations, and testing. To qualify you must:

- Be a HBO Bachelor student in Embedded Systems or Electrical engineering
- Be excited about Embedded development and small wearable devices
- Preferably have experience with automated testing

## What we Offer

- A flexible work environment with a personal learning plan that will allow you to get as much as possible out of this project.
- Skilled colleagues both with embedded hardware and software
- High-pace work environment in a tightly regulated field (medical device development)

## How To Apply

Are you interested? We'd love to hear from you! **If you'd like to learn more and/or apply, please visit our website <https://sensible.health/careers> and apply with your CV, cover letter/motivation and your earliest availability date included.**

We'd love to see your application to join us on our mission to make continuous biosensing available for everyone!