

# MASTER THESIS AT TRITECH

## WELCOME TO TRITECH!

We have a strong tradition of working together with master thesis students and we're happy to bring 3-4 new projects onboard this year.

The degree projects we offer are often times suitable for students studying Mechatronics, Electronics Engineering, Data Engineering, Computer Science or IT.

Being a consultancy company, we always have exciting projects that we would like to pursue. Either inhouse to gain insight about emerging technology, or together with our customers to help them with one of their challenges. We're also more than happy to help you with a project idea of your own if it's related to what we do. Often times, those are the most exciting ones!

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## EXAMPLES OF PREVIOUS PROJECTS

- Performance of quaternary algorithms in Embedded Software
- Predicting waves for maximizing energy harvesting, using pressure sensors and Machine Learning
- Predicting satellite movements by using old positioning data and SGP4
- Machine Learning in Embedded Systems using human movement data and IMU
- IoT standards for increased interoperability using the framework IoTivity
- Blockchain certificates on Raspberry Pi for IoT systems
- Low Power Wide Area Networks (LPWAN) for long distance communication

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## WHAT'S IN IT FOR YOU

- Getting access to a network with over 130 skilled developers and engineers.
- A dedicated tutor from the industry who has experience from doing his/her master thesis recently.
- Inspiration and support from other thesis workers
- A standing invitation to all our office events; including tech evenings, Tritech Fridays, breakfast and after works.
- Individual compensation of 1000SEK per credit point (e.g. 30000SEK for a 30 credit course)

Doing your master thesis project at Tritech is a great way of getting to know our culture and gaining insight into the industry. Most of our thesis students also end up joining our company as consultants afterwards.