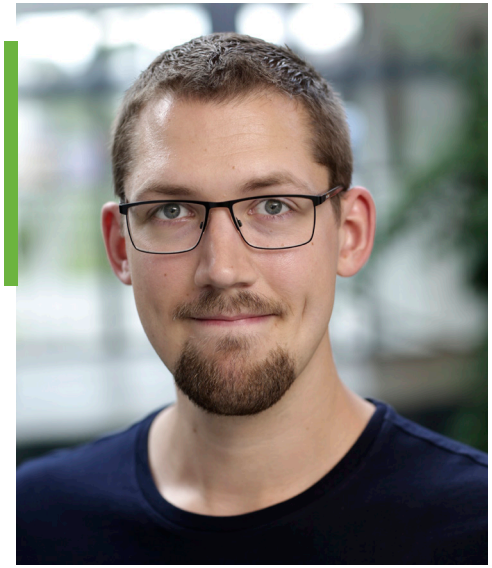
The best decision!



I studied engineering at the University of Southern Denmark (SDU) and spent my sixth semester doing an internship here at DAMM.

It was five valuable months where I was given the opportunity to put my theoretical knowledge into practice in different departments such as production, support and R&D.

Everyone really made an effort at making me feel like an equal part of the team – so much so that I decided to apply for a job here after my graduation!

Morten S. Andersen
Development Engineer

Student collaborations

DAMM

DAMM Cellular Systems A/S
Møllegade 68
6400 Sønderborg
Denmark

www.dammcellular.com

DAMM

In search of new talents

Are you studying engineering and are you interested in cutting-edge technologies? Do you wish to be part of an international and innovative R&D team? Then keep reading.

At DAMM we offer the following collaborations:

- Students jobs
- Projects (bachelor and thesis)
- Internship (from fall 2020)
- Company case

About you:

- You are studying for a BA or MA in Mechatronics, Electronics or Innovation & Business
- You are interested in radio communication and maybe have some experience from similar field
- You are proactive and not afraid of challenges
- You are fluent in English

We offer:

- A good introduction and mentoring program
- Flexibility regarding hours and working tasks
- An opportunity to be part of a dynamic, international and innovative R&D team
- A great location in the heart of Sønderborg

Specific bachelor/master thesis opportunities

At the moment we offer the following bachelor/master thesis opportunities with a duration of 3-6 months:

Pre-distortion
You will analyze different pre-distortion technique options and compare the performance of the different approaches using Matlab. If possible, you will verify the best suitable algorithms with a real power amplifier in our lab.

Envelope tracking
Fundamental work of the basics of envelope tracking and creation of a practical implementation guide. Possible verification in our lab.

Crest Factor Reduction (CFR/PAPR)
You will analyze different approaches for the reduction of PAPR (Peak to Average Power Ratio) and compare the results in terms of impact on signal quality and efficiency. You will start by implementing and simulating the algorithms using Matlab, followed by verification using the DAMM base station hardware.

Cyber security
You will create a fundamental work about the implementation of cyber security into a critical communication network infrastructure (DAMM TetraFlex® system). The work shall include research on relevant standards for cyber security as well as a practical implementation guide.
Prerequisite: Knowledge about software technologies

Are you interested or have questions to the above projects, please contact hr@damm.dk

About DAMM

DAMM Cellular Systems A/S is a world leader in the provision of scalable, innovative, user-friendly and cost-efficient TETRA and DMR infrastructure products to industrial, commercial and public safety customers.

As a key player within professional radio communications for more than 35 years, DAMM holds a leadership position in developing technology through superior engineering and a constant focus on customer needs and reduced complexity.

With customers in over 60 countries DAMM sells and markets its products internationally through a well-established network of business partners.

The company was founded in 1981 and has 70+ employees.

If you would like to collaborate with us please send us your CV and application specifying the kind of collaboration you would like and your motivation.

Send your application to jobs@damm.dk