

PETER HEILBO RATGEN

+4531330916 | peter@pratgen.dk | [github](https://github.com/pratgen) | pratgen.dk | [linkedin](https://www.linkedin.com/in/peterheilbo)

April 22, 2025

To:

University of Southern Denmark
Campusvej 55
5230 Odense M

To whom it may concern,

I am writing to apply for the three-year engineering position in hardware and software for robotic systems at SDU Robotics. With a bachelor's and master's in Software Engineering from SDU and my current role as Engineer at SDU Medical Robotics, I have built and maintained full-stack applications (Next.js, React, FastAPI), data-collection clients in C++/Qt, and C/.NET systems—always in close collaboration with hardware teams and clinical partners. I also developed a foundation in linear algebra, statistics, and discrete mathematics through my SDU coursework.

My experience includes integrating AI models into production workflows, and designing intuitive user interfaces with a focus on user experience. I am proficient in Typescript, C/C++ and Python, and have a proven track record of working independently, as well as mentoring students and collaborating with industry. I thrive on solving complex problems creatively, take ownership of my projects, and communicate fluently in English and Danish.

I am excited by SDU Robotics' continued focus on application-oriented research and development.

Feel free to contact me by phone or email at any time.

Best regards

Peter Heilbo Ratgen