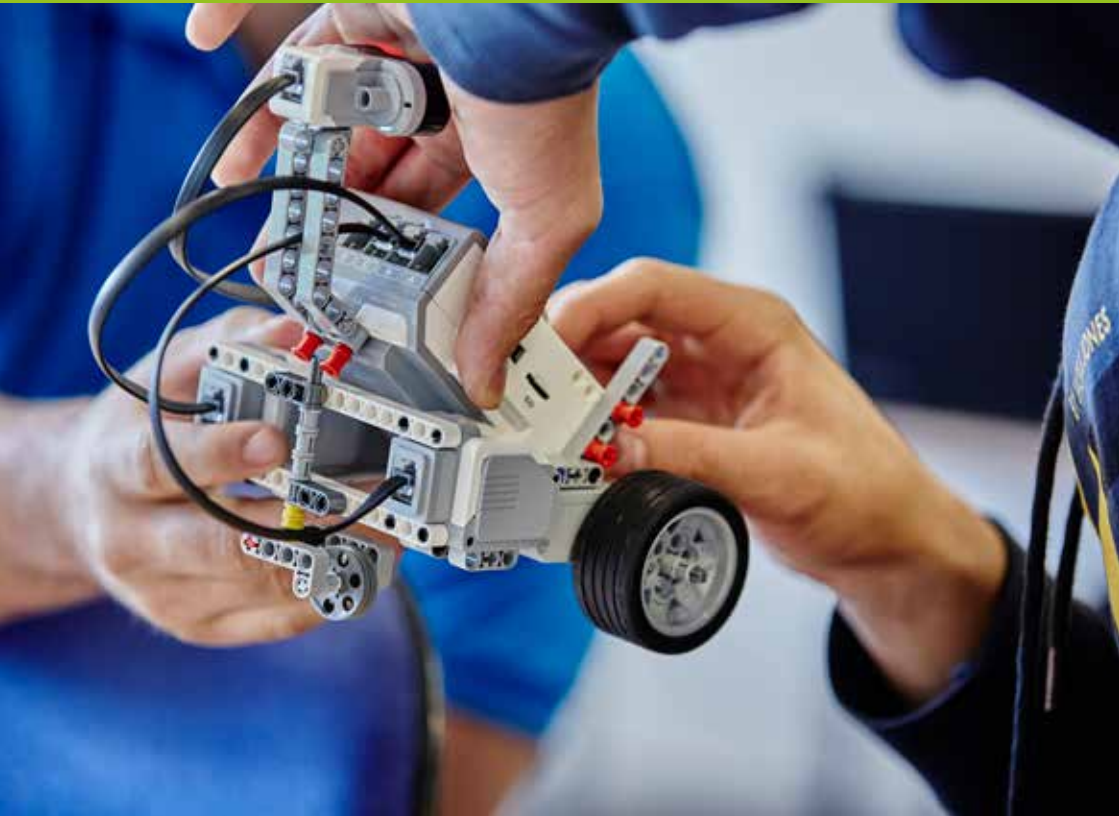


AP DEGREE
AUTOMATION ENGINEERING

STUDENT INTERNS FROM AUTOMATION ENGINEERING





Are you ready for a student intern from Automation Engineering?

About the programme

Graduate students from the Automation Engineering programme can create safe and innovative solutions your enterprise by developing and optimising technical systems and automatic facilities such as robotics.

They can take charge of practical installation work such as installing, commissioning, optimising and operating automatic systems in technical production environments.

The study programme give the graduates a broad knowledge of the construction and optimisation of technical control systems and automatic industrial facilities such as robots.

The graduates can work in private and public development enterprises, utilities and industrial enterprises that produce e.g. wind turbines, pumps or robotic welding machines.

Purpose

The student must have the opportunity to test and combine his/her theoretical knowledge with the practical skills and tasks in a company, thereby providing the student with professional qualifications within the thesis.

The student does not have to receive any payment during the internship as he/she will still receive SU.

Ideas for Internship assignments

Examples of assignments for interns:

- Programming of robots
- Programming of automation solutions, including PLCs, SCADA, HMI
- Preparation of manuals
- Implement new knowledge in the company
- Preparation of parts lists

Future jobs/positions for graduates:

Automation engineers are in charge of practical installation work such as mounting, commissioning, optimisation and operation of automatic systems in production environments.

Service and operations may also be included in the job functions of the automation engineers.

They will likely be hired as e.g.:

- Control, regulation and monitoring technician
- Engineer
- Development engineer
- PLC programmer / Programmer
- Project manager
- SCADA programmer
- Service engineer
- SRO (Control, Regulation and Monitoring) engineer
- Systems technician
- Technician
- Technical manager



About the internship

Requirements for the company

- The company must have assignments that are relevant to an automation engineering student
- Insure the student in the same way as the company's other employees
- A match of agreements must be contracted between the company, the educational institution and the student in which the internship is described and approved
- Fill out a 1-page evaluation form
- Participate in an internship interview during the internship period
- To get in contact with the automation technology programme and the educational institution to get information of the topics, working methods and tools that are included in the education

When does the internship start?

Students on the Automation Engineering programme can start their internship on February 1st.

5 good reasons to hire an intern

1.

A unique opportunity to influence and quality assure the future automation engineers

2.

Use it as a "free" trial period for a prospective employee

3.

Get sparring and input to solve, e.g. a development task in the company

4.

International students can add valuable insights and qualifications to the company

5.

Possibility of involving the student in the company's current job assignments to ease workflow



Why are internships important at UCN?

Real Life Education

At UCN we consider it our primary purpose to prepare our student for the labour market of the future. We do not work with theory for the sake of theory. Our study programmes are to the widest extent designed to reflect the reality that the graduates will meet.

For the same reason, internships are mandatory on every programme taught at UCN. We call our approach Reflective Practice Based Learning.

The approach also involves a strong focus on casework, introductory speakers with experience from the field of practice, study of best practices, insight into the solutions of the future, as well as simulation and training of skills and competences.

By combining theory and practice, we aim at delivering strong professional

competences embedded in real life, with future employees becoming innovative, independent and competent. At the same time they can contribute to finding new solutions to the challenges and needs of their profession and the labour market.



The future labour market and employee

At UCN we believe that the workplace of the future will require:

- solution-oriented and interdisciplinary competences founded on strong profession-oriented identities
- personal competences as a basis for bringing one's professional competence into play and create value
- the ability to contribute creativity and innovation in solutions as well as work processes
- the ability to take on responsibility for one's own learning

Contact



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UCN University College of Northern Denmark is active in education, development and innovation in four major fields - health, pedagogics, technology and business.

UCN has more than 10.000 full degree students on its PBA and AP Degree programmes plus 9000 students on further education programmes – and 900 employees.

På University College Nordjylland arbejder vi med uddannelse, udvikling og innovation inden for sundhed, pædagogik, teknologi og business.

Vi har mere end 10.000 studerende på erhvervsakademi- og professionsbacheloruddannelser, over 9000 kursister og studerende på efter- og videreuddannelse og omkring 900 ansatte.