



# Guide: The CV

**LAYOUT:**

- Short, precise, clear.
- Use e.g. a template.
- Apply space, headlines, short paragraphs and bullets.
- Approx. 2 pages.
- Be strategic and mention the most important and relevant things in the beginning.

**CONTACT INFO**

**PHOTO:** Use a neutral, professional photo of your head and shoulder, preferably a smile. A photo personalises your cv.

**PROFILE TEXT:** Describe your competencies shortly and precisely, and what you have worked with during your education and jobs. Think relevance in terms of the job advert. The summary has to be personal and describe you as a person in relation to the specific job. Max 5-7 lines.

**LANGUAGE AND IT:** List skills and levels - even if they are basic. In this case, since it's a technical job, IT is placed at the top. Otherwise, consider placing it on the next page.

**EDUCATION:**

- Start with the most recent education.
- Highlight your successes.
- Grades: If you have a good average, list it.
- Describe your competencies, roles, relevant projects and courses.
- If you have published articles that are relevant to the job, list them here.
- Show not only theory but also practice - include collaborations with companies and other study activities that include external organisations.



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**Engineer in intelligent reliable systems with passion for water and electrical systems**

Internationally minded control and robotics engineer with work experience in industrial automation and as project leader in R&D. Reliability engineering and intelligent/optimal control was my focus in my master's, and I have done extensive academic work on underwater robotics, control engineering, and fault tolerant control. As a co-worker, I am driven, independent and thrive in a hectic work environment with room for smiles - something I also possess from being a para rescue jumper in Iceland and having worked as a first aid instructor.

**IT skills**

C	●●●○	MATLAB	●●●●	AutoCAD	●●●○
C++	●●●○	OpenCV	●●●○	Solidworks	●●●○
C#	●●●○	EmguCV	●●●○	Inventor	●●●○
Java	●●●○	Linux	●●●○	Windows Office Programs	●●●●
Python	●●●●	LaTeX	●●●○		

**Education** Aalborg University Esbjerg

**2019-2021 MSc. In Engineering (Intelligent Reliable Systems)**  
 Focuses on development of intelligent control systems for robotics, reliability engineering, and underwater research.  
 Project work with real-life problems. Average Grade 10,2.  
 Skills: Accuracy, responsible, efficient.  
 My role in group work was often being initiator, systematic and a positive team player.  
 Projects:  
 • Master Thesis: Model Predictive Control for an Underwater Vehicle (working title)  
 Used MATLAB, mathematical modelling and optimization, Python, underwater localization  
 • Fault detection on the BlueROV2 using Multi Model Residual  
 Used MATLAB, mathematical modelling, multi model fault detection method.  
 • Modelling of a Centrifugal Pump and Efficiency Control  
 Used real-time MATLAB, NI-DAQ, Efficiency control algorithm.

**2015-2019 BSc. Electronics and Computer Engineering** Aalborg University Esbjerg  
 Projects:  
 • Parameter Estimation and Model-based Control of an ROV with Imaging for Object Detection  
 Used MATLAB, mathematical modelling, parameter estimation, LQR, EmguCV and C#  
 • Modelling and Control of an Underwater Vehicle with Focus on Depth Control  
 Used MATLAB, force testing, mathematical modelling for dynamics and C  
 • Autonomous Bale Collector  
 Used OpenCV, trigonometry, GPS, compass, C++, and microcontrollers

**Experience** Viking Life-Saving Equipment

**2020-2021 Project Coordinator R&D LifeCraft Electronics**  
 I worked with the LifeCraft rescue system, a hybrid of lifeboat and life raft. I gradually got more responsibility.  
 Tasks:  
 • Supervision of LifeCraft electronics  
 • Development of new electronics  
 • EMC/E10 industry electronics approvals  
 • Project planning and deadlines  
 Skills:  
 • Overview of a big complex electronics project  
 • Connection of theory to real-world problems  
 • Industry standards and safety codes  
 • Making realistic project plans and keeping up to deadlines

**2019-2020 Research Assistant** Aalborg University Esbjerg  
 I worked with Model comparison of a VideoRay Pro 4 Underwater ROV - Proceedings of the 2018 IEEE/ASME International Conference on Advanced Intelligent Mechatronics.  
 Task:  
 • Working on papers to publish on underwater robotics and design of a new controller for the VideoRay Pro 4 based on my bachelor thesis.  
 Skills:  
 • Self-motivation  
 • Precision  
 • Communication

**2017-2020 Bartender** The Old Irish Pub Esbjerg  
 It was important for me as an international student to get a job in Denmark when I moved here - to get to know Danish working culture and practice Danish.  
 Tasks:  
 • Service  
 • Ordering stock and sales  
 • Handyman work  
 Skills:  
 • Fixing on the spot  
 • Money management and organization  
 • Communication and people skills

**2015-2017 Engineering Student Job** Samey Automation Solutions, Reykjavik, Iceland  
 Engineering company with focus on automations solutions for industry.  
 Tasks:  
 • Supervision of Large Project  
 • Cost Control for Projects  
 • Electrical Drawings  
 • Programming for HMI and PLC  
 Skills:  
 • Innovation  
 • Group work  
 • Electrical Design for Industry  
 • Modular Programming

**Volunteer work**

**2019-2020 Young Professionals in Denmark**  
 The Young Professionals in Denmark Programme is a career development programme for specially selected international master's students in Denmark. I learned about the Danish labour market and workplace culture. It has been important for me to make extra effort because I always knew that I wanted to have a career in Denmark.  
 Skills:  
 • Public speaking and teaching  
 • Group work and organization  
 • Discipline, organization and planning

**2005-2016 ICE SAR - Air Rescue Service Reykjavik**  
 First aid instructor. Para rescue jumper since 2009 with 80 jumps.  
 Skills:  
 • Public speaking and teaching  
 • Group work and organization  
 • Discipline, organization and planning

**Languages**

**Icelandic** ●●●● First language  
**English** ●●●○ Advanced ability  
**Danish** ●●●○ Understanding normal conversations, working on talking

**Spare time**

All over interest in electrical and computer systems including control systems. Automations of robots. I like to keep up to date with the trends in my field and industry.  
 In my spare time, I play rugby for Esbjerg Rugby Club and also like training and hiking. When I am not doing sports, I enjoy spending time with my friends and watch movies.

**References**  
 Available upon request

**WORK EXPERIENCE:** Highlight the aspects that are relevant for your future employer. Exemplify your personal competencies - relate them to some situations. Describe your job, tasks, competencies, results, and what you learned. Unskilled jobs are also valuable - they may show e.g. that you are reliable, a team player and can work with tight deadlines.

**VOLUNTEER WORK:** Describe what you have learned and why it is important for them to know.

**SPARE TIME:** The personal aspects shows who you are as a person. You don't have to run marathons; playing board games or knitting is totally fine, too. Consider if you can present it in an interesting and memorable way - e.g. "I will never make it to the national team, however I enjoy playing rugby Club."

**STUDY OR WORK ABROAD** show that you are independent and outgoing. Show what you have learned from it.

**ALWAYS TARGET YOUR CV** for the job and the workplace.

- Answer the job advert
- Only include what's relevant
- Research on the workplace. Are they e.g. informal, humorous or technical?

**REFERENCES:** Make sure your references know they might be contacted. Bring it to the job interview.