



Lars Kallryd

CV

Wisdom is to the mind what health is to the body.

Education

- 2007–2010 **Technical gymnasium education**, *The Volvo gymnasium*, Skövde.
- 2011–2014 **B.Sc.**, *Mechanical Engineering*, Chalmers.
- 2014–2015 **M.Sc**, *Naval Architecture and Ocean Engineering*, Instituto Superior Técnico.
- 2015–2016 **M.Sc**, *Naval Architecture and Ocean Engineering*, Chalmers.

Master thesis

- title *Hybrid propulsion system simulation and control*
- supervisors Francesco Baldi, Andrea Coraddu
- description To simulate and optimise the design and control of the hybrid propulsion system (including diesel-electric propulsion and batteries) for tugs.

Bachelor thesis

- title *Självspelande labyrintspel, Autonomous maze game*
- supervisors Bo Egardt
- description The development of an automated marble maze. A ball is guided through the maze with optical feedback from a camera. Link to a YouTube video of the maze game

Internships

- Volvo Trucks Technical team, Gent, Belgium
duration For 1 month in the autumn 2010
description Received calls from retailers of Volvo trucks in the Nordic region and English speaking countries. Thereafter translated information about the problem to English for the technicians at the office.
- Volvo Trucks The model workshop, Skövde, Sweden
duration 7 weeks, spring of 2011
description Worked with maintaining the mold models for the 13/16 litre engine. Controlling advanced NC mills, machining molds and machine special orders from companies outside of Volvo Trucks.

Experience

Vocational

- 2010–2016 **Machine operator**, *Volvo Cars*, Skövde.
Work during summer/winter vacations as machine operator of cylinder heads

Career at Volvo:

- Started working at the assembly line after gymnasium 2010
- After 3 months I applied to a manufacturing factory at Volvo and got this position
- 2011 I wrote a study leave contract, ensuring a place to work for vacation seasons
- During summer vacations I work at Volvo and guide the younger summer interns in the factory etc

Miscellaneous

- 2012–2016 **Gymnastics coach assistant**, *Sweden*, Gothenburg.
Assistant coach in gymnastics
- July 2013 **Volunteering as teacher**, *Tanzania*, Arusha.
Teacher in English and maths in a orphanage, coaching football during weekends
- 2015–2016 **Volunteering as homework helper**, *Sweden*, Gothenburg, Lundby.
Homework help in math, Swedish (SFI) etc.

Languages

Swedish	C2	<i>Native language</i>
English	C2	
Spanish	A2	<i>Studied in high school</i>
Portuguese	A1	<i>Studied it during exchange</i>
French	A1	<i>Studying French at the moment with ambition to finish A1 before summer</i>

Computer skills

Office software	Microsoft Office package, LaTeX
Coding	MATLAB, Simulink, Python
CAD software	Catia V5, Autodesk Alias, Rhinoceros 3D

Interests

- hobby 1 Running
- hobby 2 Gym workout
- hobby 3 Team gymnastics
- hobby 4 Reading, listening to music
- hobby 5 Travelling & languages

References

Supervisor at Volvo

- Henrik Fredén

Contact

- henrik.freden@volvocars.com