

Curriculum vitae

Personalialia:

Name:	Frode Efteland		Born:	29th April 1976
Address:	Kaptein Roosensv 53 7020 Trondheim Norway		Place of Birth:	Stavanger
Phone:	+47 928 19991		Nationality:	Norwegian
E-mail:	efteland@stud.ntnu.no		Marital status:	Unmarried, no children
Web:	www.efteland.com			

Education: (year, school, internet link, branch, degree)

2003-2005	Norwegian University of Science and Technology (NTNU) www.ntnu.no Faculty of Information Technology, Mathematics and Electrical engineering, Department of Engineering Cybernetics. Master degree (M.Sc) with specialization in robotics, motion control and cybernetics. Thesis: "Path planning for spray paint robots" in cooperation with ABB AS Robotics, www.abb.com/robotics .
2000-2003	Oslo University College, Faculty of Engineering www.iu.hio.no Branch: Automatic Control and Cybernetics Bachelor degree (B.Sc). Final year project "Temperature control using LabView" at www.justervesenet.no Grade: A
1999-2000	NKI Fjernundervisning. www.nki.no Branch: Math and physics. One-year preparatory distance learning for Engineering.
1993-1996	Gand Vgs. Vocational-secondary School Branch: Electrical and Automatic Control.
1992-1993	Stavanger Maritime Vgs. Maritime school of navigators Branch: Navigation and Mechanics.

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Work experience:	(company, internet link, job description)
2004 summer	ABB AS Robotics , www.abb.com/robotics Inspection and test of spray paint robots.
2003 summer	National Oilwell Norway , www.natoil.no Fabrication of Driller's Cabin, electrical and mechanical.
2001-2003 part-time	Martin Bruusgaard & Co AS , www.bruusgaard.no Calibration and service of handheld safety equipment like Riken gas detectors.
2002 summer	National Oilwell Norway , www.natoil.no Supervisor fabrication of Driller's Cabin, Maersk project.
2000-2001 part-time	Postens Brevsenter , www.posten.no Distribution of mail at the main central post office in Oslo.
1999-2000	Rikshospitalet University Hospital , www.rikshospitalet.no Helpdesk employer at the computer department during my Civilian national service. Installation and problem solving of computers.
1998-1999	National Oilwell (Hitec Drilling & Marine) , www.natoil.no Fabrication and testing of Driller's Cabin and Cyberbases. Pneumatic AutoCAD-drawing, purchasing, installation of equipment.
1996-1998	ABB Robotics (ABB Flexible Automation) , www.abb.com/robotics Production, mounting, testing of industrial paint robots as a trainee. <i>Received craftsman's certificate of automation.</i> Also worked as an Autocad-assistant on electrical documentation and designing flexible cables in robots in the R&D section.
1995 summer	AKVAsmart ASA Bryne , www.akvasmart.com Production of automatic fish feeding system.

Courses/Certificates:

Craftsman's certificate of automation, safety certificates for working on offshore and marine installations, electronic design, Swagelok tube fittings, certificate for driving a car, restricted VHF-radio certificate.

Keywords Cybernetics:

Control theory, robot, marine control systems, instrumentation and process, servo and motion control, linear and nonlinear systems, modelling and simulation, fluid mechanics, electronics, programming.

Software skills:

LabVIEW, Matlab, simulink, Autocad, SolidWorks, Scientific Workplace, Java, Mathematica, OrCAD, Linux, Microsoft, QNX real-time OS, Siemens PLC, Atmel assembler and C, mySQL, ABB RobotStudio, RAPID, SAP.

Other abilities and interests:

Listen to music. Play drums and guitar. Make my own beer. Travel around to meet new peoples and cultures. Social happenings like concerts and movies.