

## CV - Curriculum Vitae

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I am a friendly and helpsome person. My main interests is Electronic design and software development. I am a Profession Bachelor of Electrical and Electronic Engineering from DTU.

I see my self as an eager and interested person, that has an optimistic approach to tasks, and have a good eye for looking at problems from all angles, and there possible impact on its Surroundings.

### IT-software skills

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Linux, Bash-script, python, C, C++, Java, ASP classic, PHP, JSP, xHTML, HTML, CSS, JavaScript, Jscript, Tomcat, Apache, Postfix, MySQL, PostgreSQL, Git, Mecurial, Eclipse, Xilinx ISE, KVM Virtualization, OpenStack, Arduino, Matlab, Maple, LibreOffice.

### Work experience

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#### **2015- 2016 : Programmer - Movis ApS**

- Embedded Linux
- Primary programming language: C++
- Research area: ModemManager, Glib.  
(network management interface for mobile interfaces).
- Bash Shell scripting.
- hostapd (wifi accespoints)

#### **2013 - 2014 : Software developer (intern) - Siemens A/S**

- Worked in Industry - Mobility Software department.
- Software developer on internal software projects.
- Working with: Java EE, JSF, Maven, Tomcat, Mecurial, Trac, Jenkins.
- Setup and configuration of system for software test.
- Researching OpenStack Virtualization platform.

#### **2007 - 2013 : Café tender - S-Huset DTU**

- Handled sales of coffee, food and kiosk goods.
- Bartender at larger events. (DTU Annual party)
- Worked as a security guard at a few events.

## Education

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### **2004 - 2015 : Profession Bachelor in Electrical and Electronic Engineering at DTU.**

#### **Exam project - Software Defined Radio Theory and Practice**

As my final exam project I worked with software defined radio, its a software solution for generic radio transmitters and receivers.

#### **Mathematics and Programming**

- 01035 - Advanced Engineering Mathematics 2
- 01435 - Practical Cryptanalysis
- 01905 - Advanced Calculus
- 01964 - Mathematics 2
- 02318 - Elementary Programming in C
- 02323 - Probability and Statistics
- 02631 - Introductory Programming with Matlab

#### **Electronics - Analog and Digital**

- 31020 - Fundamentals of Analog and Digital Electronics
- 31022 - Analogue Electronics 1
- 31023 - Analogue Electronics 2
- 31025 - Engineering Electromagnetic
- 31027 - Digital Techniques and Programming 2
- 31028 - Design of Digital Systems
- 31030 - Digital Signal Processing and Signal Processors
- 31040 - Linear Systems and Signals

#### **Control Systems and System Design**

- 31300 - Linear Control Design 1
- 31340 - Computer Control Systems
- 31351 - Basic Power Electronics and Power Supply
- 31354 - Circuit Technology and EMC
- 31385 - Autonomous Robot Systems

#### **Microcontroller systems**

- 31860 - Applied Microprocessor Techniques
- 31875 - Hybrid Microelectronics

## Volunteer work

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### **2007 - 2016 : Crew - S-Huset DTU. 2007 - 2016**

- Practical help during large concert events.
- Work: stage building, setup of lighting, cable management and load-in / load-out.
- Active in the event planning committee for S-Huset.

### **2010 - 2013 : Technical Director - PF-Kino**

- Helped restart the old DTU student driven cinema PF-Kino.
- Handling installation of technical equipment and its maintenance.
- Handling PR, creating ticket design and sales/movie posters.
- Design and installation of show server system, for showing commercials and movie trailers.
- Design of spreadsheets for handling accounting, inventory management and play lists.
- Worked as movie projectionist and sound engineer.

## Hobbies

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- Computer hardware.
- Linux og open-source software.
- It-security and Network design.
- Server configuration with open-source systems.
- Worked with: Ubuntu, Debian, Gentoo, Arch Linux and FreeBSD.
- Experimenting with Virtualization technologies, and software container systems.

## Other information

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- Danish : read, write and speak.
- English : read, write and speak.
- German : read and understand.
- Drivers license : Grade B.

*For more information about specific educational courses visit:*

<http://www.kurser.dtu.dk/>