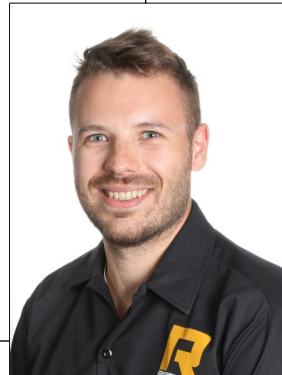
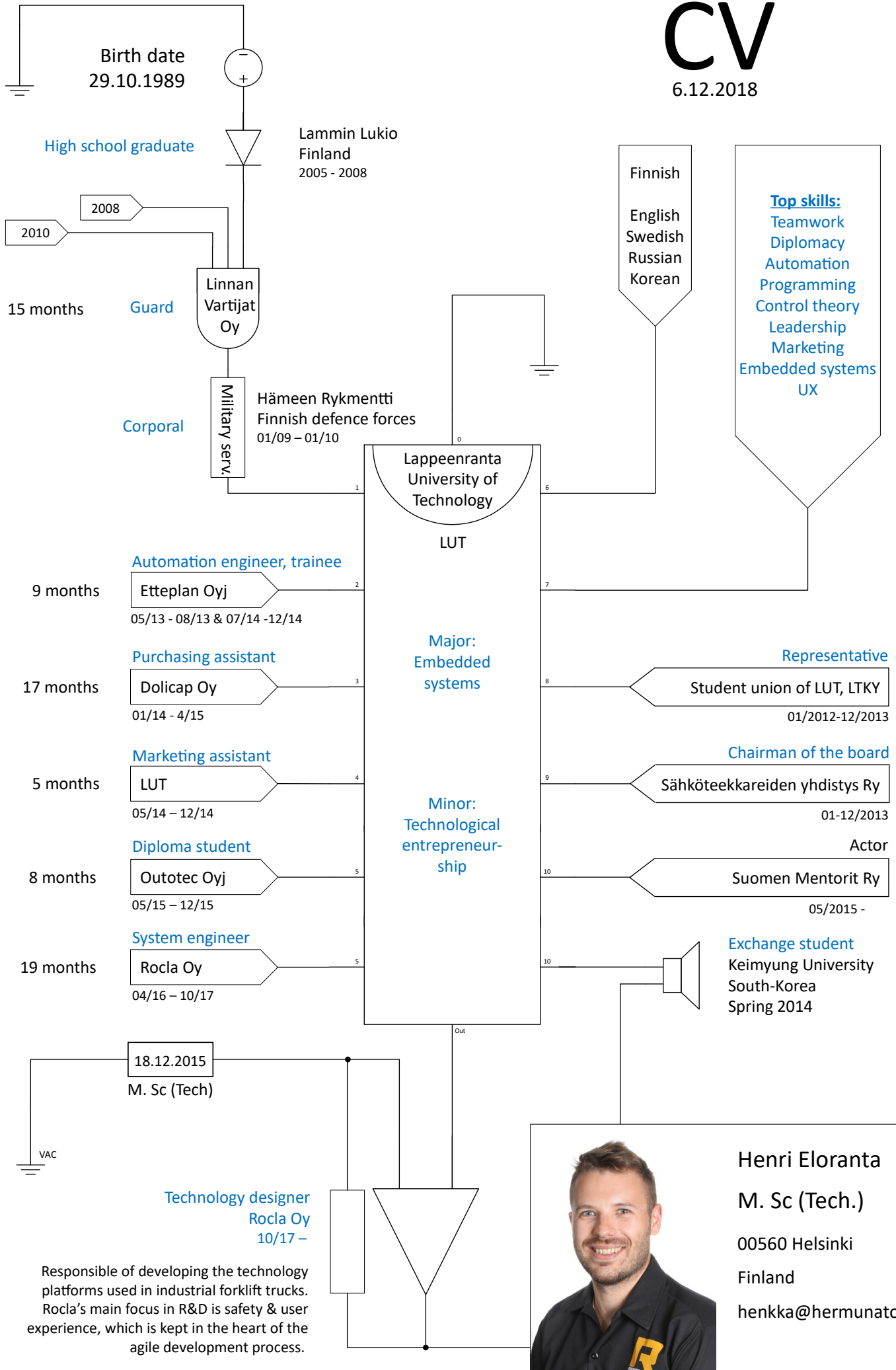


CV

6.12.2018



Henri Eloranta

M. Sc (Tech.)

00560 Helsinki

Finland

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PROFILE

My background is from electrical engineering; I love to know how & why things work. Besides making difference with the latest technology I see myself working in the interface of the engineers, customers & management. I enjoy being in touch with the big picture.

One of my dreams is to have my own company up and running. I crave challenges. Why's that? Fearless, flexible, ambitious. Precise.

My motto: *"Life smiles. Smile back."*

WORK EXPERIENCE

Technology designer

Rocla Oy
09.10.2017 –

Responsible of developing the technology platforms used in industrial forklift trucks. Rocla's main focus in R&D is safety & user experience, which is kept in the heart of the agile development process. Latest outcome of our R&D team is the Mitsubishi EDiA EM electric counterbalance truck released summer 2018, of which software & interface to diagnostic & configuration tool I was responsible of together with colleagues.

"Rocla is part of Mitsubishi Logisnext Co, being one of the design centers of the organization"

System engineer

Rocla Oy
04.04.2015 – 6.10.2017 (19 months)

Member of the project implementation team of Rocla's AGV (Automatic Guided Vehicles) logistics solutions installed globally. Responsible of the design and commissioning of the system-wise solution at customer's site, including PLC-programming, layout & traffic design, interface implementations and simulation. Travelled 174 days abroad during first 12 months, and first own project was completed in March 2017. Main tools are IEC 61131-3, AutoCAD, MS Access, Danaher Motion NDC8, Agent Ransack, WinMerge, Python & Peltor WS Alert XP.

Diploma student - Master's thesis

Outotec (Finland) Oy
19.05.2015 – 31.12.2015 (8 months)

Master's thesis in Outotec in the Non-Ferrous business line as a member of copper anode casting product line. Studied alternatives for the product line's real-time hardware-in-the-loop (HIL) – platform to be developed. The result of the thesis was a virtual commissioning platform in 3D which enables developing and verifying the PLC-algorithms used in the casting shop's control in an efficient way. This position was an ultimate learning point, as the product line is responsible for the casting shop R&D, product management, consultant activity, commissioning, after sales and delivery. Main tools were Matlab Simmechanics, Solidworks, KEPServerEX 5, S7-317F CPU, STEP 7 & IEC 61131-3.

Purchasing assistant

Dolicap Oy

01.01.2014 – 18.05.2015 (17 months)

Responsible of the Dolicap's purchasing relations to suppliers in Europe and bidding them. Daily routines was to handle the spare part supply for trucks used in the forest industry logistics. Company now saves around 50000 eur annually before the bidding process.

Automation engineer, trainee

Etteplan Design Center Oy

14.07.2014 – 31.12.2014 (6 months)

Member of the Etteplan's automation department. Completed assignments in the field of technical design and engineering, supporting sales, upgrading. Main tools were Excel, Eplan, AutoCAD, different national & global standard and contracts made between Etteplan's customers Outotec & UPM.

Marketing assistant

Lappeenranta University of Technology (LUT)

15.08.2014 – 31.12.2014 (5 months)

Marketing assistant in the team Firmatiimi of the University. Responsible for promoting the relations of small and medium sized companies and the University. To success in the position University put us through a sales course organized by Get Up Consulting Oy. Main goals were to establish new trainee positions, thesis opportunities and assignments for the students of Lappeenranta University of Technology.

Automation engineer, trainee

Etteplan Design Center Oy

13.05.2013 – 18.08.2013 and 14.07.2014 – 31.12.2014 (9 months)

Member of the Etteplan's automation department. Completed assignments in the field of technical design and engineering, supporting sales and upgrading. Main tools were Excel, Eplan, AutoCAD, different national & global standard and contracts made between Etteplan's customers Outotec & FACOR.

Electrician, trainee

Konecranes Finland Oy

02.05.2012 – 24.08.2012 & 17.12.2012 – 31.12.2012 (5 months)

Member of the electrical manufacturing department. Responsible for assembling the electrical cabinets for industrial hoists. Got hands-on experience from electrification, circuit diagrams and the implementation of the circuit diagrams to the practice.

EDUCATION

M. Sc. (Tech)

Lappeenranta University of Technology
28.10.2013 – 18.12.2015 (2 years 2 months)

Major studies in the area of embedded systems, including hardware & software integration, real-time programming, automation engineering and system engineering. Main tools were C, Matlab, VHDL, LabView, Code Composer Studio, datasheets of different controllers, real-time operating systems μ C/OS 2 and different bus technologies.

Minor studies in the field of technological entrepreneurship.

GPA 3.35 / 5

Master's thesis: "Virtual commissioning platform for automation system"

Grade: 4

B. Sc. (Tech)

Lappeenranta University of Technology
23.08.2010 – 25.10.2013 (3 years 2 months)

Major studies in the field of electrical engineering and electronics, including circuit theory, digital electronics, electromagnetism, energy efficiency, electrical physics and electric drive technology. Main tools were C, Matlab, OrCAD, engineering handbook Beta for science and engineering, national & global electrical engineering standards and laboratory equipment.

Minor studies in the field of control engineering and signal processing.

GPA 2.95 / 5

Bachelor's thesis: "Designing and testing a remote control system for electric motor"

Grade: 4

Exchange student

계명대학교 - Keimyung University

South Korea

03.03.2010 – 20.06.2013 (5 months)

Spring 2014 studying abroad in Daegu, South Korea.

Completed following courses: Operating system principles, management of venture technology, family and gender relations in understanding Korean society, Korean language practice, the features of Korean traditional food.

CONFIDENTIAL TASKS

Head of the board	Sähköteekkareiden Yhdistys Sätky Ry	2013
Representative	Student Union of the LUT, LTKY	2012 – 2013
Treasurer	Skiing club of the students of LUT, Laskin Ry	2012
Freshman captain	Sähköteekkareiden Yhdistys Sätky Ry	2011 – 2012
Member of the board	Sähköteekkareiden Yhdistys Sätky Ry	2011
Member of the board	Pellavan Takojat Ry (Pellavarock)	2007
Youth representative	Lammin kunta, municipal council	2006 – 2007

VALUES & FUTURE

Continuous learning

To support this I have gained a mentor through the program arranged by Suomen Mentorit Ry, my mentor being Hannu Laatikainen from Murata Electronics Oy.

Dealing with people

Professionally I like dealing with machines – but also with people. I see myself as a socially aware engineer. This helps since every machine is built by human at the end, directly or indirectly.

Healthy body, healthy mind

Even 30 min jog cherishes stressed week and gives a lot of energy. A week without exercise is not a proper one.

Supervisor

I have high standards towards supervisors. It's serious business and must not be taken lightly. One of my long term goals is to grow professionally all the way to a supervisor position.

Living abroad

During my exchange time in South Korea in spring 2014 I fell in love with Asia. I'm sure Asia has a role in my life someday.