Tero Juhani Keski-Valkama, MSc
Hacker / Machine Learning Generalist / Innovator in Software
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Recommendations available in LinkedIn.

Degrees
Master of Science (technology)
Tampere University of Technology,
2008

Major:
 Software Engineering
Minor:
 Technical Mathematics

6 months of international studies:
 Universiti Sains Malaysia

Postgraduate studies
Tampere University of Technology

Subject:
 Deep learning: Applying modern machine learning to industrial log anomaly detection

Minors:
 Learning systems
 Signal processing

Publications
Article:
"A Simulator for Event-oriented Data in Flexible Assembly System Fault Prediction"
Whitepaper:
"Securing LAN Connected Devices in Industrial Sites with TLS and Multicast DNS"
Master's thesis:
 "CARBOOK: A PLATFORM FOR MOBILE AUTOMOTIVE SERVICES"

Awards & achievements
1st place in #IndustryHack / #CargoHack at #HackTheSea at MacGregor, 2016
3rd place in #SpaceTyckiting @Futurice, 2016
1st place in #IndustryHack at #HackTheFactory at Fastems, 2015
2nd and final online round in Facebook Hacker Cup 2011 (placed 182th)
3 customer satisfaction awards (Nice-business Solutions Oy, 2009, 2010, 2011)
1 invention award (Elektrobit)

Work experience

Sentido Emotions Technologies Ltd
2018-04-20 –
Chief Technology Officer (CTO), partner
Systems and architectures, artificial intelligence, deep learning, signal processing, embedded and mobile devices

Sentido X-Tech Ltd
2018-03-15 –
Chief Technology Officer (CTO), partner
Systems and architectures, artificial intelligence, deep learning, signal processing, embedded and mobile devices

AI Morning
2017-10-01–
Organizer
Being one of the main organizers of AI Morning (http://aimorning.fi), with over 100 guests in each event

Cybercom Finland Oy
2012-12-03 –
Software architect, advisory consultant, speaker, organizer
Machine learning, blockchain, Machinebook, industrial processes, suomi.fi, National Service Bus, web technologies, JavaEE, node.js, docker

Nice-business Solutions Oy
2009-07-22 – 2012-11-30
Technical architect
Modern web technologies consulting, enterprise systems, ScrumMaster, assistant project manager, sales support

Neter
2009-03-01 –
Founder
Deep learning, modern web technologies consulting, TensorFlow, node.js, Ionic, Phaser, Cordova

Elektrobit Oyj / WS ETA System Engineering,
2008-07-01 – 2009-07-22
Design engineer
DSP software development and testing

Elektrobit Oyj / TEO,
2008-04-01 – 2008-06-30
Research engineer
Next generation internet infrastructure for context-sensitive services in car environment, Semantic Web

Elektrobit Wireless Communications Oy,
2007-08-27 – 2008-03-31
Design engineer
DSP software development and testing

Finnpos Systems Oy
2005-04-11 – 2006-11-24
Project manager
Project responsibility, scheduling, architectural design,
and programming for the Finnpos F2 payment terminal,
Linux kernel driver for LG USB touchscreen,
VoIP system using Speex-codec.

TTY Roboteam
2002-01-01 – 2005-04-11
Eurobot 2002, 2003, 2004 competitions:
programming, machine vision, Linux expert, artificial intelligence
Bartender robot:
programmer and operator in domestic and
international trips

Positions of trust
Coursera / Princeton University, Bitcoin and Cryptocurrency Technologies: mentor
2017 –
Cybercom Finland Oy, Machine Learning guild: Guildmaster
2016 –
Cybercom Finland Oy, Vice representative of employees in the corporate board
2015 –
Polyamoria – Tampere, Organizing monthly meet ups for ~160 members
2014 –
Deputy member of the board of the housing company Malminkallio
2011
Roboteam, vice chairman
2005

Language skills
Finnish: mother tongue
English: fluent
Swedish: good
Japanese: basics