Tero Juhani Keski-Valkama, MSc
Hacker / Machine Learning Generalist / Innovator in Software
tero.keskivalkama@gmail.com
+41 79 208 9540

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
> Master's thesis:
> ["CARBOOK: A PLATFORM FOR MOBILE AUTOMOTIVE SERVICES"](#)
> 5 patents, 8+ patent applications, several white papers, scientific and corporate blog articles

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)
> 13 invention awards (Elektrobit, HERE Technologies)

Work experience

 # HERE Technologies #
2018-07-01 –
Wollishofen, Zürich, Switzerland
Lead ML & AI engineer
AI and machine learning. Deep reinforcement learning. Geolocation, maps.

Sentido Emotions Technologies Ltd & Sentido X-Tech Ltd
2018-03-15 – 2019-01-11 (part-time)
Finland
Chief Technology Officer (CTO), partner
Systems and architectures, artificial intelligence, deep learning, signal processing,
embedded and mobile devices

AI Morning
2017-10-01 – 2018-10-05 (part-time)
Tampere, Finland
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 – 2018-06-30
Tampere, Finland
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
Tampere, Finland
Technical architect
Modern web technologies consulting, enterprise systems,
ScrumMaster, assistant project manager, sales support

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

Elektrobit Oyj / WS ETA System Engineering / Technology Organization
2007-08-27 – 2009-07-22
Tampere, Finland
Design engineer / Research Engineer
DSP software development and testing, Next generation internet infrastructure for context-sensitive services in car environment, Semantic Web

Finnpos Systems Oy
2005-04-11 – 2006-11-24
Tampere, Finland
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.

Finnish Air Force
2002-01-01 – 2003-01-01
Finland
Air Force Weather Corporal
Military training, leadership training, squad leadership,
flight weather observation, METAR/SYNOP weather data.

Positions of trust
    HERE Technologies: Patenting Mentor
    2020 –
    HERE Technologies: Machine Learning Competitions Organizer
    2020 –
    HERE Technologies: Site Representative, Switzerland
    2020 –
    Coursera / Princeton University, Bitcoin and Cryptocurrency Technologies: Mentor
    2017 – 2018
    Cybercom Finland Oy, Machine Learning guild: Guildmaster
    2016 – 2018
    Cybercom Finland Oy: Vice Representative of Employees in the Corporate Board
    2015 – 2018
    Polyamoria – Tampere: Organizing monthly meet ups for ~160 members
    2014 – 2018
    Condominium Malminkallio: Deputy Member of the Board
    2011
    Roboteam: Vice Chairman
    2005

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