Sipi Tapio Seppälä

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Espoo, Finland
Date of birth 1990-04

EDUCATION

**AALTO UNIVERSITY
SCHOOL OF SCIENCE**
MASTER OF SCIENCE (TECH.)
May 2018
Major: Computer Science (Web Technologies)
Minor: Bioinformation Technology

BACHELOR OF SCIENCE (TECH.)
2014
Major: Computer Science (Media Technology)
Minor: Computer Science (Data Comm. Software)

ETELÄ-TAPIOLAN LUKIO
2009
Matriculation Examination

SKILLS

PROGRAMMING LANGUAGES & DEV
JavaScript (+ HTML & CSS)
Python (Django)
Java (Android)

DEV & OPS TOOLS
Git
Ansible
Zabbix
Terraform
Docker
SublimeText
Android Studio
Unix commands and shell scripting

HUMAN LANGUAGES
Finnish (native)
English
German
Swedish

CERTIFICATES
ITIL Foundation
ServiceNow System Administrator
ServiceNow Implementation Specialist

WORK EXPERIENCE

AXEL HEALTH OY
SYSTEM SPECIALIST
2018 – present
- Healthcare IT operations, both on-premises and in the cloud
- Installation, automation and maintenance of hospital information systems including Linux servers and self-enrollment devices.

AALTO UNIVERSITY DEPARTMENT OF CS
MASTER'S THESIS WORKER & RESEARCH ASSISTANT
2017 – 2018
- Master's thesis "Performance of Neural Network Image Classification on Mobile CPU and GPU" – An Android application to measure on-device neural network inference performance with TensorFlow and Snapdragon NPE deep learning frameworks
- Co-author in ACM Multimedia Systems (MMSys 2018) conference paper "Latency and Throughput Characterization of Convolutional Neural Networks for Mobile Computer Vision"

SYMFONI FINLAND OY
JUNIOR CONSULTANT
2014 – 2016
- Consulting and configuration of ServiceNow SaaS platform, a tool for medium-large companies to automate their IT operations and service management

NORTHNUANCE OY
WEBMASTER
2013 – 2016
- Creator and administrator of a Wordpress-based online shop for a loudspeaker manufacturer

AALTO UNIVERSITY DEPARTMENT OF CS
RESEARCH & TEACHING ASSISTANT
2012 – 2013
- Front-end web developer in WebRTC peer-to-peer browser file sharing application project
- Teaching assistant in various Data Communications and Computer Networks courses.

VOLUNTEER & OTHER

TIETOKILTA RY — BOARD MEMBER & VOLUNTEER
2013: Chairman of the Board
2012: Master of External Affairs (out of country excursions' leader)
2011: Student tutor for freshmen

VAPAATEEKKARIT RY — DEVELOPER & WEBMASTER
2012 – present
Various web-based external as well as internal IT projects for a student club

FINNISH DEFENCE FORCES
2009 – 2010: Reserve Junior Sergeant, Signal Corps