

SEVERI FRIMAN

Technical Product Specialist at Planmeca



<https://linkedin.com/in/severi-friman-075516155>

@ severi.friman@gmail.com

Järvenpää



LANGUAGES

English
Advanced



Finnish
Advanced



Swedish
Advanced



EDUCATION

Master's degree, Information and electrical engineering

Tampere University

08/2019 - 02/2022

Biomedical/Medical Engineering

Technische Universität Graz

01/2019 - 12/2020

Bachelor's degree, Information and Electrical Engineering

Tampere University

01/2015 - 12/2019

High school

Laukaan Lukio

01/2012 - 12/2015

EXPERIENCE

Technical Product Specialist

Planmeca

01/2023 - Present Helsinki Metropolitan Area

Company Description

- Providing technical support on Planmeca's X-ray imaging devices (ProMax, Viso, ProOne, ProSensor, ProX) and software products (Romexis) around the world.
- Preparing and providing hands-on technical training on the imaging devices.
- Preparation and releasing technical bulletins.
- Development of tools (mainly with Python) to improve technical support workflow and device troubleshooting.
- After Sales team.

Biosignal testing and processing engineer

Huawei Suomi Finland

06/2022 - 12/2022 Helsinki Metropolitan Area

Working as a consultant via Enko Expert Services Oy

- Health technology projects.
- Wearable technologies.
- Physiological measurements planning and testing.
- Data analysis and algorithm development.
- Optical spectroscopy.
- Biomarker chemometrics.
- Innovation work.
- Data protection in research.

SUMMARY

I am a biomedical engineer with a Master's degree in Information and Electrical Engineering from Tampere University. I have a passion for health and wellness, and I believe that technology will (and does) play a significant role in improving healthcare and preventing diseases and injuries. Since January 2023, I have been working as a Technical Product Specialist at Planmeca, a leading company in dental imaging and software products. I provide technical support and training on Planmeca's X-ray devices and software to our dealers around the world. I also develop tools using Python to enhance the technical support workflow and device troubleshooting. Some of my core competencies include signal processing, machine learning, bio-optics, and physiological measurements. I have experience with various biosignals, such as PPG, SCG, ECG, EMG, and EEG. I am proficient in programming languages, such as Python, Matlab, Kotlin, and C#, and platforms, such as Android and SQL. I enjoy learning new skills and technologies, and I am open for new challenges and opportunities.

EXPERIENCE

Health technology Intern / Master's thesis worker

Huawei Suomi Finland

📅 06/2021 - 06/2022 📍 Helsinki Metropolitan Area

Company Description

- Finalized Master's thesis: "Increasing Heart Rate Estimation Accuracy of Wrist PPG with EMG-Based Tissue Movement Reference"
- Working in wearable health technology projects.
- PPG, EMG, ECG.

Health technology & Human machine interaction Intern

Huawei Suomi Finland

📅 09/2020 - 06/2021 📍 Tampere Metropolitan Area

Company Description

- Worked as a consultant via Enko Consulting Oy.
- Vital signs related projects.
- Health tech, Algorithms.
- At the end of contract the preparations for Master's thesis begun.

Summer Trainee

Huawei Suomi Finland

📅 05/2020 - 09/2020 📍 Helsinki Metropolitan Area

Company Description

- Worked as a consultant via Enko Consulting Oy.
- HCI and Vital Signs.
- Brain-computer interfaces (BCI).
- Literature and feasibility studies.
- EEG, EMG.

Teaching Assistant

Tampere University

📅 03/2020 - 05/2020 📍 Tampere Area, Finland

Company Description

- Introduction to signal processing

Production Worker

Henkilöstöä Voima

📅 06/2019 - 08/2019 📍 null

Company Description

- Assembly, packaging and quality management of plastic enclosures at Fibox Oy.