

## Education

### Information Technology

Master's degree program (Computer Science)

University of Eastern Finland (UEF)

2022 – 2024

Courses: Algorithmic Data Analysis, Artificial Intelligence, Deep Learning, Machine Vision

Thesis: Comparison of Machine Learning Methods for Oral and Dental Hyperspectral Image Segmentation

### Research Chemists

Master's degree program (Chemistry)

University of Eastern Finland (UEF)

2020 – 2022

Thesis: Effect of Nitrogen Oxides on Methane Oxidation Catalyst

## Work Experience

### Spartao Oy

Analyst

2023 – Present

Espoo, Finland

- Managed ERP and financial operations, regulated master data, and automated tasks using Python for streamlined and efficient business processes.
- Visualized data from various company systems and created performance reports using Python (Streamlit) and SQL. Monitoring performance metrics, providing valuable insights to senior management.
- Developed and implemented a ChatGPT-powered chatbot, capable of providing company-related information, documents, policies, and more, enhancing employee access to key corporate resources.
- Proactive in keeping updated with new tech trends to drive efficiency and facilitate innovative problem-solving approaches within the company.

## Coursework

### IT Project

Research Manager Dmitry Semenov

Jul 2022

Joensuu, Finland

I developed a multi-page Tkinter application for visualization and analysis of ENVI image files. Through this project, I have significantly enhanced and broadened my understanding in the areas of GUI design, image processing, and data analysis.

### Industrial Project

Professor Markku Hauta-Kasari

May 2021

Joensuu, Finland

This project focuses on using the U-Net model to perform image segmentation of spectral images with the process visualized using a simple, user-friendly GUI.

### Introduction to Open Data Science

Senior University Lecturer Kimmo Vehkalahti

Dec 2019

Joensuu, Finland

I learned how to utilize RStudio and R Markdown for the analysis and interpretation as well as data visualization of open datasets.

## Skills

### Programming Languages

### Database

### Web Technologies

### CI/CD Tools

### Artificial Intelligence

### Data Visualization

### Enterprise Resource Planning

### Productivity Software

### Languagee

Python, SQL

MySQL, Pinecone

Flask, Tailwind CSS

Git, Github

ChatGPT, Langchain, Tensorflow & Keras, Scikit-learn, NumPy

Matplotlib, Plotly, Streamlit, Power BI, SuiteAnalytics Dashboards

NetSuite, Basware InvoiceReady

MS Office Suite, Zapier

Chinese, English