

Harnist Bent

contact

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bent.kurumi.link/about

languages

French*



Finnish*



English



Japanese**



* Native

** JLPT N2 certified

programming

Python, Numpy,
Pandas, Networkx,
Sklearn

SQL, Matlab, Scala, R

Other skills

Git, Latex, Linux
command line
environment

experience

- Mar–Apr 2021 **Department of Applied Physics, Aalto University** Espoo, Finland
Teaching Assistant
I am teaching exercise sessions for the course "Structure of matter (SCI)" and I shall correct exams.
- Feb–Apr 2020 **Department of Mathematics and Systems Analysis, Aalto University** Espoo, Finland
Teaching Assistant
I taught exercise sessions for the course "Differential and integral calculus 2" and corrected exercises.
- Jun–Dec 2018 **Department of Applied Physics, Aalto University** Espoo, Finland
Research Assistant
In the Active Matter group, I participated in experimental research activities (ferrofluids and instabilities) and worked towards my B.Sc. thesis.

education

- 2020–2021 **M.Sc. (Tech.) in Complex Systems**, completed 74/120 ECTS Aalto University
School of Science, Life Science Technologies degree program
Minor: Human Neuroscience and Technology
- 2016–2020 **B.Sc. in Engineering Physics** Aalto University
School of Science, Teknistieteellinen kandidaattiohjelmalla
Minor: Bioinformation technology
B.Sc. thesis: Normal-Field Instability in Aqueous Ferrofluid Two-Phase Systems (AFTPS)

Volunteering

- 2021 **Chairman, Nippoli Ry** Nippoli
Nippoli is an association bringing together Finnish students and Japanese exchange students through events and promoting the Japanese language and culture. I am assuming the role of chairman as a part of the board for the year 2021, representing the association, communicating and coordinating activities and events.
- 2017–2018,
2019–2020 **Tutor for international students** Fyysikkokilta Ry
Helped international students for the guild of physics with practicalities regarding arrival to Finland and introduced them to the student culture and community.
- 2017 **Community event organizer** Fyysikkokilta Ry
Took part in organizing different events, like relaxation sauna evenings, for the members of the Guild Of Physics.

interests

professional: Complex systems and emergence; modeling, data science; measuring and imaging stuff; biotechnology and neuroscience.

personal: Diverse exercising; the Japanese language; cultural exchange; reading; Linux, OSS, and decentralized tech; spending time and relaxing in nature.