

Pentti Sunila

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EXPERIENCE

- Trainee* 2018 - present
IBM Finland
- Cloud and migration services
- Developer* 2018
TV Tools
- Worked as a software developer on various front and back-end solutions related to media delivery, asset and log management, and monitoring.
 - Worked with: Docker, Elasticsearch, Grafana, Low level binary protocols, hardware network interfaces, C#, Ruby, Javascript, Lawo VSM
- Summer Trainee, Situational Awareness* 2016
Nixu Corporation
- Evaluated various security software solutions.
 - Worked with: QRadar, ELK Stack, LogPoint, AWS, RHEL, CentOS, Debian, Windows Server, Python, Bash, Ruby, Perl, Metasploit
 - Participated in an informal information security contest (CTF), Cyberlympics 2016, as captain of Nixu summer intern team "Fuzzbuzz"
- Substitute teacher* 2015
Hyrylän yläaste
- Taught maths, chemistry, and programming to grades 7 - 9
- Assistant* 2009
University of Helsinki
- Performed two weeks' school related work practise (TET) at the Department of Finnish

EDUCATION

- University of Helsinki* 2013 - present
I'm a mathematics major, my minor subjects are statistics and Hungarian.
- Completed credits: 300+, with aim to graduate 2020
 - My bachelor's thesis was on the mathematical methods involved in X-Ray tomographic reconstruction
 - Currently looking for a Masters thesis specialization
 - Courses of note: Inverse Problems, Statistical Inference with R, Mathematics of infectious diseases
 - Additional cultural & linguistic studies, especially on finno-ugristics
- Tikkurilan lukio* 2010 - 2013
Graduated in 2013 with an IB Diploma.
- I performed volunteer service at Heureka Science Centre as part of the CAS (creativity, action, service) program.
 - I wrote my Extended Essay on the construction of real numbers from the rationals.
 - My Higher Level subjects were Finnish A, Mathematics, and Chemistry; Standard Level subjects were English A, Philosophy, and Physics.

SKILLS & INTERESTS

- Languages: Native Finnish, fluent English. Basic knowledge of Swedish. Basic level understanding of Hungarian (two years).
- Self study: for example, I have completed and audited several free courses on the Coursera online platform, including:
 - Machine Learning
 - Social Network Analysis
 - Advanced Competitive Strategy