Pentti Sunila

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EXPERIENCE

IBM Global Services
Trainee, Cloud App Migration Services 2018 - present
- Client work for a public sector client.
- Keywords: cloud transformation, automated testing, information security

TV Tools
Developer 2018
- 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, React.js, Lawo VSM

Nixu Corporation
Summer Trainee, Situational Awareness 2016
- Evaluated various security software solutions.
- Worked with: IBM 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"

Hyrylän yläaste
Substitute teacher 2015
- Taught maths, chemistry, and programming to grades 7 - 9

University of Helsinki
Assistant 2009
- 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
- Masters' thesis specialization in convex optimization and variational analysis
- 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 a bilingual 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 level Swedish, Hungarian. Currently studying Mandarin.
- 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
- Arts & culture interests