

Pentti Sunila

pentti.sunila@helsinki.fi
<https://github.com/gingerdeer>
<https://gingerdeer.github.io>
+358 40 562 5105

EXPERIENCE

IBM Global Services

Trainee, Cloud App Migration Services

2018 - 2020

- 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 on mathematical optimization
- 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, CEFR C2 English (fluent), B2 Hungarian and Swedish, A2 Mandarin Chinese. Various other language studies.
- 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
- Competitive programming & CTF