

Pentti Sunila

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EXPERIENCE	<i>Developer</i> TV Tools	2018 - present
	<ul style="list-style-type: none">• I currently work as a software developer on various front and back-end solutions related to media production and monitoring.• Worked with: Elasticsearch, Grafana, Low level binary protocols, hardware network interfaces, C#, Ruby, Javascript	
	<i>Summer Trainee, Situational Awareness</i> Nixu Corporation	2016
	<ul style="list-style-type: none">• 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”	
	<i>Substitute teacher</i> Hyrylän yläaste	2015
	<ul style="list-style-type: none">• Taught maths, chemistry, and programming to grades 7 - 9	
EDUCATION	<i>University of Helsinki</i> I'm a mathematics major, my minor subjects are statistics and Hungarian.	2013 - present
	<ul style="list-style-type: none">• Completed credits: 300+, with aim to graduate 2019/2020• 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	
	<i>Tikkurilan lukio</i> Graduated in 2013 with an IB Diploma.	2010 - 2013
	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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:<ul style="list-style-type: none">– Machine Learning– Social Network Analysis– Advanced Competitive Strategy	