



Sampsa Laapotti

Curriculum Vitae

"Behind every exciting, dramatic failure, there is a more important story about a larger and less dramatic failure that made the first failure possible"

Education

- 2017–ongoing **Master's Studies in Computer Science**, AALTO UNIVERSITY, Espoo.
2011–2017 **Bachelor of Science in Computer Science**, AALTO UNIVERSITY, Espoo.
2009–2010 **Bachelor Studies in Computer Science**, UNIVERSITY OF TURKU, Turku.

Bachelors Thesis

- Title *Authenticating user securely with MIFARE DESFIRE EV1 NFC card*
Supervisor Professor Rousu, Juho
Advisor Professor Aura, Tuomas
Description In my Bachelor thesis I studied user authentication with MIFARE DESFIRE EV1 NFC-smartcards in a secure way. I developed a physical proof of concept and software for user authentication and analyzed it's security and implementation details.

Experience

Part-time jobs and Summer jobs

- 2015 May – **Software Engineer**, GOFORE OY, Helsinki.
Present I work at Gofore and develop web applications for our customers in an agile manner.
Highlights:
 - Microservices and Continuous Integration
 - Django and Mezzanine CMS
 - SAML and Shibboleth authentication
 - Node.js and Express
 - AngularJS
 - AWS, Ansible and Infrastructure as Code

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2013 April – **Junior Consultant**, SYMFONI FINLAND, Helsinki.

2015 April My work at Symfoni consisted of different consulting assignments regarding IT Service management customers using Service Now environments. I worked at Symfoni for 2 days a week during school terms and full time on summers. On the summer of 2014 I Worked for 3 Days a week at Symfoni in order to use the other 2 days to work in a startup side project. Hilights:

- o Customizing Customer instance for use
- o Backend and Frontend Javascript development with ServiceNow tools
- o Different Integrations:
 - Ticket integrations (Incidents and Problem management)
 - Password reset with MID-server querying Customer AD
 - CMDB Integrations
- o Developing Catalog Items and Order process
- o CMDB Development

Miscellaneous

2006 – **IT Handyman**, AJANTERAPIA OY, Salo.

Ongoing I am responsible for all the IT for my mother's physiotherapy company. This means being the Helpdesk and catering for all the needs that a 4 person business has.

Computer skills

Basic MySQL, ITIL, LDAP, DNS, Ruby on Rails, SCALA, CLOJURE, C, C++, SAML, SHIBBOLETH, JAVA, Make, vim

Intermediate L^AT_EX, CSS, DOCKER git, POSTGRESQL, Express, REST-APIs, Linux server administration, EC2, Cloudformation, RDS, ServiceNow, NodeJS, AngularJS, Nginx, Gulp, ANSIBLE, Shell Scripting, Microservice architecture, SQL, PostreSQL, Tmux, Emacs

Advanced JAVASCRIPT,PYTHON, HTML5, DJANGO

Club and Voluntary activities

2012-14 TIETOKILTA, Master of Internal activies, Master of External affairs, Chairman of the Board

2012-14 AALTO UNIVERSITY, Tutor for the Freshmen

2011 DIGIT, Master of Communications

Languages

Finnish	Native	<i>Born and raised in a Finnish speaking environment</i>
English	Fluent	<i>I use English every day for almost everything related to school and work</i>
Swedish	Basic	<i>Only the mandatory basics taught in High School and in University</i>

Interests

- Internet, Open Source and Linux, Electronics, Amateur Radio operations (Callsign OH2EGW), Books, Science and Rationality, Photography, 3d Printing, Infosec, Game theory, Math, Space and Astronomy, Science Fiction

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