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 – Present	**Software Engineer**, Gofore Oy, Helsinki.

I work at Gofore and develop web applications for our customers in an agile manner.
Hilights:
- Microservices and Continuous Integration
- Django and Mezzanine CMS
- SAML and Shibboleth authentication
- Node.js and Express
- AngularJS
- AWS, Ansible and Infrastructure as Code

2013 April – 2015 April	**Junior Consultant**, Symfoni Finland, Helsinki. 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:

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

Miscellaneous

2006 – Ongoing	**IT Handyman**, Ajanterapia OY, Salo. 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, SAML, Shibboleth, java
Intermediate	LATEX, CSS, Docker git, PostgreSQL, REST-APIs, Linux server administration, AWS EC2 and Cloudformation, AWS RDS, ServiceNow, NodeJS, AngularJS, Gulp, Ansible, Shell Scripting
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**	*Born and raised in a Finnish speaking environment*
English	**Fluent**	*I use English every day for almost everything related to school and work*
Swedish	**Basic**	*Only the mandatory basics taught in High School and in University*

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