



Kamila Součková

I identify problems in systems before they eat your product, your kids and your family dog.

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Work & Volunteer Experience

2018:

- Head of Site Reliability Engineering for [Data Center Light](#) at [ungleich](#)

summer 2015:

Site Reliability Engineering intern at Google Switzerland

summer 2014:

Site Reliability Engineering intern at Google Switzerland

2014–2017:

- contributed to the [Student Development Team](#) at my university (development and server administration)
- designed and developed the backend of an in-house solution for an RFID-based access control system (<https://github.com/fmfi-svt-deadlock>)
- learned more about how operating systems work by making one from scratch (<https://github.com/AnotherKamila/chaOS>)
- server administrator for [Trojsten](#) – Linux and FreeBSD servers with diverse uses
- helped with organizing competitions and educational activities for students, giving various talks

2012–2013:

software engineer at MicroStep - MIS (www.microstep-mis.sk)

2009–2012:

web developer (front-end) at Lighting Beetle (www.lbstudio.sk)

2010, 2011:

contributed to several open-source projects as a participant of [Google Code-In](#)

Education

2016–present:

Department of Computer Science, ETH Zurich, Switzerland: graduation with MSc. expected in 2019

Thesis topic: Implementing the SCION next-generation Internet protocol with Software-Defined Networking: hardware-software co-design, work across the whole network stack

2013–2016:

Department of Computer Science, Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Slovakia: BSc.

Skills

- quick at absorbing information and learning new things
- enjoy system design with emphasis on reliability, scalability and correctness
- security-conscious
- algorithmic skills
- languages: English (fluent), Slovak (native speaker), Czech (fluent), German (basic)
- experience giving lectures about science (mainly computer science, physics and astronomy) at various institutions
- presentation skills
- an ever-increasing list of programming languages, database environments, operating systems and other technologies
- [I know regular expressions!](#)

Select Awards and Achievements

International:

- [International Young Physicists' Tournament](#): silver medal in 2013, 2011, 2010; bronze medal in 2012
- [Internet Problem Solving Contest](#): 26th among high-school teams in 2012; 17th among 1-member high-school teams in 2011
- [Google Code-In](#): completed 3 tasks in 2011 and 2010

National:

- [Correspondence Seminar in Programming](#), category T (elite): 1st in 2012, 2013
- [Young Physicists' Tournament](#), State round: 1st / gold medal in 2010, 2011, 2012
- Olympiad in English Language, State round, category 2B: 1st / gold medal in 2012

Free Time Activities

- flying small aircraft
- music, esp. playing flute
- art and handicrafts, graphics and design
- archery, hiking, puzzle hunts (e.g. [TMOU](#))
- physics, astronomy, mathematics