LUKA STRIZIC

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WORK EXPERIENCE

EMPLOYER	**Google**	Zürich, Switzerland
PERIOD	**June 2016 — September 2016**	
JOB TITLE	**Software Engineering Intern**	

Search Infrastructure. I designed and implemented a JIT compiler in C++, using LLVM as the backend, for an internal Lisp-like language used for structured queries.

EMPLOYER	**Sartura**	Zagreb, Croatia
PERIOD	**July 2015 — November 2015**	
JOB TITLE	**Software Engineering Intern**	
TECHNOLOGIES	**C, Docker, OpenWRT, Git**	

Leading developer of an extensible framework for CWMP/TR-069 client targeting OpenWrt platform. Passed on the know-how to other team members after project kick-off.

EMPLOYER	**Degordian**	Zagreb, Croatia
PERIOD	**September 2013 — June 2015**	
JOB TITLE	**Software Engineering Intern**	
TECHNOLOGIES	**Java, C++, PHP, MongoDB, RocksDB, Cassandra, Redis, CentOS, Git**	

Worked on `Mediatoolkit`'s backend – a realtime media monitoring web app. Sometimes did simple sysadmin tasks on several CentOS servers.

EDUCATION

DEGREE	**Master of Space Science and Technology** (Space Instrumentation; double degree)	
UNIVERSITIES	**Luleå University of Technology**	Kiruna, Sweden
	University of Würzburg	Würzburg, Germany
PERIOD	**October 2015 — July 2017** (expected)	

DEGREE	**Master of Science in Computing** (Computer Engineering)	
UNIVERSITY	**University of Zagreb**	Zagreb, Croatia
PERIOD	**October 2015 — July 2018** (expected)	

DEGREE	**Bachelor of Science in Computing** (Computer Engineering)	
UNIVERSITY	**University of Zagreb**	Zagreb, Croatia
PERIOD	**October 2011 — July 2015**	
Thesis	Optimization of Lossless Image Compression Method for GPGPU ⬈	
Extracurricular	Student Assistant: Computer Aided Design of Electronic Systems, Electronics 1, Communication Networks, Algorithms and Data Structures, Digital Logic, Programming and Software Engineering	

ACTIVITIES

CopenHacks Spring 2016 hackathon	1st place, .tech's prize for hosting on .tech domain
jacobsHack! Fall 2015 hackathon	2nd place, organizer's favourite hack
Elektrijada 2015 regional competition	1st place in C++ programming (team), 2nd place in C programming (team)
Telegram BB10 native client contest	Runner-up

SKILLS

Programming Languages	♥ C, ♥ C++, Java
Under 10k LoC	VHDL, Python, PHP, JavaScript, Bash, Haskell, Matlab
Other Technologies	Altium Designer and hardware design – coursework, student assistantship
	microcontroller prorgamming – coursework, hobby, hackathon
	CUDA – used in bachelor thesis
	ROS – coursework
	web development – coursework, uni projects
Spoken Languages	Croatian native, English C1, German B2, French A1