Jiří Setnička

Curriculum vitae

Golang developer and Linux guy who likes to create thing that „just works and do some magic" (from Arduino gadgets to automation of builds and tests).

Contact and personal information

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Email:	setnicka@seznam.cz	**Web:**	setnicka.dev
Born:	Prague, 1991	**LinkedIn:**	linkedin.com/in/setnicka
Now living in:	Prague, Czech republic	**GitHub:**	github.com/setnicka

Work experiences

2019 → ○ **CDN77 – Software developer**
Development of own protection against DDoS attack (C, Go), nginx development (C, Lua), DNS development (Go).

2015 – 2019 **Y Soft – Embedded systems developer**
Embedded development on Linux platform (Go), automation (Python, Groovy, Jenkins). Agile development (Scrum and LESS).

Education

2015 – 2018 **Master degree at Charles University – Discrete models and algorithms**
Follow-up studies focusing on more advanced algorithms and data structures. Successfully completed with a master thesis on implementation of Top Trees.

2011 – 2015 **Bachelor degree at the Faculty of Mathematics and Physics at Charles University**
Theoretical informatics, algorithms, data structures, procedural and functional programming languages. Basics of cumputer networks and graphics. Successfully completed with a bachelor thesis – advanced backup system.

Non-work experiences

2011 → ○ **KSP – seminar of programming for secondary schools students**
Contest and education camps for secondary schools students managed by the Charles University. Managing a medium-sized team, organization of camps with lectures and adventure program. Work on technical backend and frontend.

2013 – 2019 **Lecturing seminars at the Faculty of Mathmematics and Physics**
Algoritmization and data structures (3 years of theoretical seminars for bachelor students), UNIX (3 years of practical seminars for bachelor students)

2012 – 2016 **Travelling lectures for secondary schools in the Czech Republic**
Several years of lectures for secondary schools with goal to introduce interesting aspects of informatics: algorithms, network attacks, . . .

Skills

Programming languages

→ Active: **Go, Python, C/C++, Lua, Shell**

→ Passive: C#, Perl, Java, Haskell, Javascript, Groovy, . . .

Technologies

→ **UNIX/Linux** (development on Linux, administration, shell scripting)

→ **Git** (guru)

→ Docker, Kubernetes (basics)

→ DB (PostreSQL, MySQL, Clickhouse)

→ AWS S3

→ TeX, LaTeX

→ 3D printing and modelling

→ Arduino

Driving license: categories B and BE

Languages:

→ **czech** – native speaker

→ **english** – level B2

Other skills:

→ lecturing

→ paramedic course