Petr Houška

petrroll.cz
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EDUCATION

MSC. IN COMPUTER SCIENCE
Charles University | Prague
2017 - Expected 2019
Artificial Intelligence

BS IN COMPUTER SCIENCE
Charles University | Prague
2014 - 2017
General computer science
Graduated with honors
GPA: 1.15 (1-4 | 1 is best)

LINKS

Github:// **petrroll**
LinkedIn:// **houskape**
Email:// houskape@gmail.com
Website:// petrroll.cz

SKILLS

Programming
C# • CIL (MSIL) • .NET • C • PHP •
Bash • Python • Javascript •
TensorFlow • SQL • LaTeX

Familiar but not proficient:
C++ • Assembler • Java

Computer science
Approximation algorithms • Machine
learning • Linear algebra • Software
architecture

LANGUAGES

Czech - Native proficiency
English - Full professional proficiency
German - Elementary proficiency

HOBBIES

Hiking • Cycling • Curling • Social
sciences

EXPERIENCE

MICROSOFT | Software Engineer Intern
July - Sep 2018 | Redmond, USA
- Azure Networking SLB team.
- Design & impl. of a feature within DPDK based C app.
- Design & impl. of socket based IPC between C and .NetCore.

IOLEVEL | Part time software developer
Mar 2017 – Now | Prague
- Developement of Peachpie compiler platform (PHP to .NET compiler).
- Opensource, member of .NET Foundation.
- Github:// **peachpiecompiler/peachpie** | Website:// **peachpie.io**

Mar 2017 – Jul 2017 | Bachelor thesis
- Design & impl. of lowering generator methods.
- Thesis text Github:// **petrroll/bachelor-thesis**

FIEDLER AMS | Web developer
Jul 2015 – Oct 2015 | České Budějovice
- Core Drupal 7 modules for a custom web portal (PHP).
- SPA for configuring IoT boxes (JavaScript, Aurelia Framework).

Jul 2013 – Sep 2014
- Drupal 7 modules (user hierarchy, presentation of data from API).

ANDROIDMARKET.CZ | Editor & later Editor in chief
2010 - 2012 | 2012 – Aug 2013
- Editor in chief of a webmagazine with a staff of 5 people.
- Technology journalist covering Android phones and related news.

PROJECTS

POWERPLANSWITCHER | Windows10 desktop bridge App
- Desktop app for switching power schemes in Windows 10.
- Distributed trough Windows store via DesktopBridge.
- Rating: ~4.7/5, Free | WPF, Win32 interop.
- Github:// **petrroll/PowerSwitcher**

REGISTRATION SYSTEM | AlbanianChallenge.org
- Modular registration system based on Google Apps.
- Already used for a AC reception 2016, AC 2017, AC 2018, and AC Club.
- Github:// **petrroll/ACRegistrationGAS**

AWARDS

2018	1st / 19	Avast Cyber Adventure team (5).
2018	559th/4856	Google hash Code 2018.
2017	1st / 10	Trend Micro CTF Prague team (3).
2016	70th/1054	2nd best Czech team in Google hash Code 2016.
201[568]	GPA < 1.2	Scholarship for academic excellence.

VOLUNTEERING

| 2014 - Now | **KSP** - Computer science seminar for high school students. |
| 2015 - Now | **Kasiopea** - Programming competition for high school students. |