

Petr Houška

petrroll.cz
houskape@gmail.com

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 & implementation of a feature within DPDK based C app.

IOLEVEL | PART TIME SOFTWARE DEVELOPER

Mar 2017 - Now | Prague

- Development 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

- Lowering generator methods into lower level constructs.
- 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 through 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.