Filip Czaplicki

Resumé

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starsep.com
github.com/starsep

Education

2014–2018 **Computer Science**, University of Warsaw, *Bachelor's degree*.

Thesis: *Scalable Graph Algorithms* [details in Work Experience]

2018– **Computer Science**, University of Warsaw, *Master's degree*.

Skills

Languages	Polish, English
WWW	HTML, CSS, JavaScript
Programming	Python, Kotlin, Java, C, C++, Haskell, nasm-x64
Frameworks	Django, Android SDK
Databases	PostgreSQL, SQLite
DevOps	Linux, Bash, Zsh, Ansible, Vagrant
Build Systems	GNU make, Gradle
Other	LaTeX, git

Algorithmic contests

2017 **PIZZA**, PIZZA contest 2017.

2014 **AMPPZ**, Polish ACM ICPC Final 2014.

2013–2014 **PA**, Potyczki Algorytmiczne in 2013 and 2014.

2011–2014 **POI**, Polish Olympiad in Informatics XIX and XX (second round), XXI (31^{st} spot - bronze medal).

2011–2013 **Poznan Open Team Programming Championship**, 2011, 2012 and 2013.

2010– **SPOJ**, Polish SPOJ profile (static contest).

Work Experience

2017

Software Engineer, QED, Warsaw, Poland.

ScanForm

project ScanForm Web
description Web app for realignment and OCR of scanned forms.
technologies Django, Python, Numpy, Pillow, ImageMagick, Tensorflow
link `https://qed.ai/scanform/`

project ScanForm Mobile
description Android App for taking pictures and uploading them to webserver.
technologies Kotlin, Android SDK
link Google Play

AutoDrone/Hive

project AutoDrone
description Android app for automatic drone flights with DJI Phantom.
technologies Android, Java, DJI SDK
links Google Play, `https://qed.ai/drones/`

project Hive
description Web app for displaying drone orthomosaics on map.
Orthomosaics are stiched from images taken with AutoDrone.
technologies Django, Python, OpenDroneMap
link `https://hive.qed.ai/#48`

2016
2017

Software Engineer, *Working on Thesis*, CodiLime, Warsaw, Poland.

title Scalable Graph Algorithms
description We implemented scalable versions of graph algorithms and compared their performance with single-core equivalents.
technologies C++, Thrust, CUDA, googletest
thesis `https://starsep.com/mimuw-graphs/thesis/thesis.pdf` [in Polish]

2016
2016

Software Engineer - Intern, *Summer Internship*, Intel, Gdańsk, Poland.

description Frontend for internal software testing tool
technologies Angular, Flask, Python, Microsoft SQL Server