Filip Czaplicki

Resumé

Warsaw, Poland \$\psi +48 600 131 257 starsep.com



Education

Computer Science, University of Warsaw, Bachelor's degree.

Thesis: Scalable Graph Algorithms [details in Work Experience]

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

PIZZA, PIZZA contest 2017.

2014

AMPPZ, Polish ACM ICPC Final 2014.

2014 2011 2014

PA, Potyczki Algorytmiczne in 2013 and 2014.

2013

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

Poznan Open Team Programming Championship, 2011, 2012 and

SPOJ, Polish SPOJ profile (static contest).

Work Experience



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.ged.ai/#48

2016

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

Software Engineer - Intern, *Summer Internship*, <u>Intel</u>, Gdańsk, Poland.

description Frontend for internal software testing tool

technologies Angular, Flask, Python, Microsoft SQL Server