Filip Czaplicki

Resumé

Klarnecistów 27
02-875
Warsaw, Poland
✆ +48 600 131 257
✉ filipczaplicki@gmail.com
🖰 starsep.com
github.com/starsep

Education

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

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

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 (31st 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**, <u>QED</u>, 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	<u>Google Play</u>

AutoDrone/Hive

project	AutoDrone
description	Android app for automatic drone flights with DJI Phantom.
technologies	Android, Java, DJI SDK
links	<u>Google Play</u>, `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*, <u>CodiLime</u>, Warsaw, Poland.

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

2016 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