Filip Czaplicki

Resumé

Warsaw, Poland
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● *github.com/starsep*

Work Experience

2017–present **Software Engineer, <u>QED</u>, Warsaw, Poland.**

ScanForm

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

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

AutoDrone/Hive

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

app	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.**

summer 2016 **Software Engineer, *Internship*, <u>Intel</u>, Gdańsk, Poland.**

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

EDUCATION

2018–2019 **Computer Science, University of Warsaw, *Master's degree*.**

thesis *Cloud Browser*

description File manager supporting multiple cloud storage providers with built-in video and music player

technologies Android SDK, Kotlin, C++

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

thesis *Scalable Graph Algorithms*

description Scalable versions of graph algorithms implementation and performance comparison with single-core equivalents

technologies C++, Thrust, CUDA, googletest

SKILLS

languages Polish, English

web HTML, CSS, JavaScript, React

programming Python, Kotlin, Java, C, C++, Haskell

frameworks Django, Android SDK, React

databases PostgreSQL, SQLite

DevOps Linux, Bash, Zsh, Ansible, Vagrant

build systems GNU make, Gradle

other LaTeX, git