

Filip Czaplicki

Resumé

Warsaw, Poland

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🌐 github.com/starsep

WORK EXPERIENCE

2017–present **Software Engineer, QED, 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*, CodiLime, Warsaw, Poland.**

summer **Software Engineer, *Internship*, Intel, Gdańsk, Poland.**
2016

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