

# S. Khalymon

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## Career Summary

I have about 3+ years of commercial experience with Python development and my main responsibilities were to develop websites, scripts, and scrapers

Commercial summary: Python 2.7, Django, DRF, Celery, Selenium, nosetest, pytest, Scrapy, Postgresql, Redis, Memcached, Ansible, Fabric, Nginx, Gunicorn, Vagrant, Asana, Jira, UML, Intercom API, Sendgrid, AWS, RPC, REST

Additional non-commercial summary: Python 3.6, Threading, asyncio, aio-http, pymorphy2, Pyramid, Websauna, Flask, Rust, GTK-RS, Mysql, PyGTK, PyQt, VK API, Heroku, OpenShift, GAE, Vagrant, Docker, ReactJS

## Commercial Projects

Applitools <https://github.com/applitools/eyes.selenium.python>

Mar 2018 - <https://github.com/applitools/eyes.sdk.python>

present AI powered end-to-end visual testing & monitoring.

Responsibilities:

1. supporting and improving existing SDK, creating new SDK;
2. writing tests and automated test framework;
3. reading of Java, Ruby, C and JS SDK's; updating respectively;
4. verification of errors from customers;
5. architecture creation and implementation;
6. design of client API and code refactoring.

Python 2.7/Python 3.7, multithreading, multiprocessing, pytest, mock, invoke, namespaces packages, selenium, attrs, Pillow, transitions, Appium-Python-Client, tinycss2

Fundedbyme <https://fundedbyme.com>

Jun 2016 - Crowdfunding for intelligent growth.

Mar 2018 Responsibilities:

1. clarification of the specification;
2. feature leading;
3. mentoring;
4. code review;
5. support existing and write new functionality.

Python 2.7, Django, PostgreSQL, AWS, Ansible, Fabric, nosetests, Jira, Intercom API, Sendgrid, REST

Khai & Designing of the client-server service for monitoring and control of inspectors for  
Kharkiv- entrepreneur consumers.  
vodokanal Responsibilities:

Feb 2016 - 1. build the development team;

- Jun 2016 2. write specification;  
3. draw usecases diagram;  
4. decompose user stories to tasks;  
5. communication with customer;  
6. design server-mobile communication protocol.  
Asana, UML, JSON-RPC, Postgresql, PHP, Java(Android)

Ambiencedata <http://ambiencedata.com>

May 2014 - Ambience Data air monitoring system provides quick access to accurate data about  
Nov 2016 the air quality within a local area.

Responsibilities:

1. clarification of the specification;
  2. design UI/UX;
  3. design and develop DB structure;
  4. develop scraper for parsing and storing data from several weather resources;
  5. develop REST API for geo data;
  6. develop word map with bunch of layers which contains information about weather and pollutants;
  7. develop API for consuming and display charts from our devices.
- Python 2.7, Django, PostgreSQL, Leaflet, Google Charts, Scrapy, Asana, Google Map API, Memcached, Redis, Celery

## Pet Projects

### JavaScript

AllatRa Live <https://live.allatra.tv>

Jun 2019 - Streaming platform for simultaneous interpretation.  
present ReactJs, amplitudejs, mobx, classes, nginx, nginx-rtmp, ansible

### Rust

Firefox [https://github.com/Infernion/firefox\\_starter](https://github.com/Infernion/firefox_starter)

starter Firefox profiles manager allowing to start few instances of browser.

Sep 2017 - GTK-RS

Oct 2017

### Python

annots <https://github.com/Infernion/annots>

Dec 2016 annots is the package that allow to use Python 3.6 variable annotations in handy way.  
Python 3.6

Distribution [https://github.com/Infernion/distribution\\_helper](https://github.com/Infernion/distribution_helper)

helper Web service for auto interacting with social networks through Selenium webdriver.

[abandoned] Python 3.6, Websauna, Celery, threading, selenium

Dec 2016 -

Jan 2017

Epubsearcher <https://github.com/Infernion/epubsearcher>

Mar 2015 - Library for search selected words in Epub publications.

Jan 2016 Python 3.4, Beatifulsoup4, lxml, Whoosh

AllatRa	<a href="https://github.com/Infernion/wiki-and-reader">https://github.com/Infernion/wiki-and-reader</a>
Encyclopedia	Website that gives you opportunity read books with annotations with articles from encyclopedia. <a href="http://wiki.allatra.club">http://wiki.allatra.club</a>
Jun 2015 -	
Dec 2015	Python 3.4, Django, Celery, MySQL, Ansible, epubsearcher...
ec315 status	<a href="https://github.com/Infernion/ec315-status-app-indicator">https://github.com/Infernion/ec315-status-app-indicator</a>
app indicator	Gnome Applet Indicator for Huawei ec315 modem. Displays signal strength, allows and to change connection mode and reboot modem.
Jul 2014	Python 2.7, PyGTK
Polls post	<a href="https://github.com/Infernion/polls_post">https://github.com/Infernion/polls_post</a>
Aug 2014	App for posting to VK communities. Can work with few accounts.
	Python 2.7, PyQt, VK Api

## Development skills

### Programming and Markup Languages

Upper-Inter	Python
Intermediate	JavaScript, HTML, SASS
Basic	PL/SQL, Bash, LaTeX, PHP, C, Rust, Ruby, Java

## Server administration skills

Deployment with	Ansible, Fabric
Deployment to	Heroku, OpenShift, GAE, AWS
Technology used	Nginx, Gunicorn, Vagrant, Docker

## Computer skills

IDE	PyCharm, Sumblime Text, Vim
OS	Linux (Ubuntu, Debian, Arch), Windows, macOS
VCS	Git

## Languages Proficiency level

Native	Russian, Ukrainian
Intermediate	English

## Education

Sep 2008 - Jun 2012	<b>Computer Engineering</b> , <i>College of Sumy State University, Konotop, Ukraine..</i>
Sep 2012 - Jan 2017	<b>Computer Engineering, Specialist</b> , <i>National Aerospace University -'Kharkiv Aviation Institute' ,Ukraine.</i>

## Courses

CISCO IoT	Cisco Networking Academy
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Linux Ad- INTUIT  
ministration

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## Public activity

LinkedIn <http://linkedin.com/pub/sergey-khalymon/56/44b/380/>

GitHub <https://github.com/Infernion>