

Sergey Sokolov

Web developer · PiterPy Meetup organizer & PSF Managing Member · MS student

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GENERAL

Date of Birth

18 August 1996

Goals

Web development, C/C++ system software development, teaching IT, open source, organizing events for people in IT and around it

EDUCATION

Saint Petersburg Electrotechnical University, Saint Petersburg

2017—2019

MS in Applied Mathematics and Informatics

Thesis topic: “Loop closure detection in graph SLAM”

State University of Aerospace Instrumentation, Saint Petersburg

2013—2017

BS in Software Engineering

Thesis topic: “Effective LSM-tree implementation in Go”

GPA: 4.44/5

EXPERIENCE

PiterPy Meetup

since December 2017

Organizer & PSF Managing Member

Free monthly meetup for Python developers from Saint Petersburg

Droice Labs

since September 2017

Web Developer

Responsibilities: backend app and backend modules architecture and development for CRUD operations on top of the database and internal business logic, CI & a little bit of DevOps

Buzzwords: Python, Flask, REST API, MongoDB, Elasticsearch, Sendgrid, Twilio, Sentry, ELK, Docker, Teamcity

GS Labs

September 2016—September 2017

C++ Developer, Conditional Access Systems Libraries Department

Responsibilities: development and support of CAS libraries for SAT receiver; development of DRM libraries for SAT receivers, iOS and Android applications; inner products development (automation, testing); CI tools and work practices integration

Buzzwords: C++, Python, Jenkins, Upsource, Linux, µC/OS

TEACHING

Saint Petersburg Electrotechnical University

since September 2017

Introduction to IT course TA

Buzzwords: Mathcad, C/C++

Introduction to NoSQL databases MOOC staff, course development and support

Buzzwords: NoSQL, MongoDB, Memcached, Stepik.org

Django Girls SPb

7 October 2017

Django Girls coach

SCHOOLS & HACKATHONS

Joint Advanced Student School – JASS 2018

18—25 March 2018

Multi-modal Transport Technology Challenge

Buzzwords: Python, REST API, asyncio, aiohttp, Robot Operating System, Duckietown, C++, Arduino, Swift, iOS, DJI

Joint Advanced Student School – JASS 2017

20—26 March 2017

Web application backend for Zeiss

Buzzwords: Python, Flask, REST API, MongoDB, Javascript, React

First Line Software student hackathon

28—29 October 2016

“WibeWM” — tiling window manager based on XCB library:

Buzzwords: C++, XCB, X11

Joint Advanced Student School – JASS 2016

21—26 March 2016

“Multimodel iNteraction (Mint)” – UML diagram modelling tool for Android and iOS with real-time collaboration feature

Buzzwords: Android, Java, iOS, Swift, Protobuf, GRPC

First Line Software student hackathon

24—25 October 2015

“PS3D” – 3D particle system C++ library and GUI editor

Buzzwords: C++, 3D graphics