Ruslan Sergeev

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ATTITUDE DETERMINATION AND CONTROL SYSTEMS ENGINEER

Details

Moscow

Russian Federation

+7 (926) 909 20 59

mybox.sergeev@gmail.com

Links

Github

LinkedIn

Skills

C++ 14/17/20, Python, Bash, Cuda, Matlab, JavaScript, CSS, HTML, C#, Assembler, VHDL, Pascal

Embedded devices

Deep Learning

Mathematical Skills

Languages

Russian

Spanish; Castilian

English

Profile

- ADCS software engineer with 6 years of experience.
- Had built 4 launched satellites and more in construction.
- ML and deep learning engineer: best multi-language speech recognition system in CIS countries.
- Author of 3 patents.

Employment History

Lead software engineer, Sputnix, Moscow

JULY 2014 — MAY 2018

- Development of satellite ADCS systems.
- Ground control center software engineer.
- Ground control center crew member.

Lead software engineer, Moscow Institute of Physics and Technology, Moscow

JANUARY 2015 — MAY 2018

- Onboard devices software engineer: reaction wheels, magnetorquers, solar sensors, onboard computers, star trackers.
- Onboard electronics consultant. Component selection, PCB design.

Software engineer, aiBox laboratory at 1c, Moscow

MAY 2018 — PRESENT

- Development of speech recognition algorithms.
- Experiments with deep learning systems architectures.
- Integration with Cuda, Android, Docker, Telegram and others.

Education

Bachelor, Bauman Moscow State Technical University, Moscow

SEPTEMBER 2008 — JULY 2014

Computer science (GPA 4.34/5)

Courses

Attitude Determination and Control Systems, Keldysh Institute of Applied Mathematics

SEPTEMBER 2016 — FEBRUARY 2017

Linear algebra (18.06), MIT OpenCourseWare

SEPTEMBER 2017 — DECEMBER 2017

Computer graphics online course, University of California, Davis

JANUARY 2017 — FEBRUARY 2017

References

Anton Vlaskin (Senior Aerospace Engineer) from German Orbital Systems GmbH

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Danil Ivanov (Senior Researcher, phd.) from Keldysh Institute of Applied Mathematics

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