

IVAN BURAKOV

Junior Python Developer

CONTACTS

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GitHub: <https://github.com/FrostIB18>

Place: Almaty, Kazakhstan

COMPUTER SKILLS

- Python (Django, Pandas, Numpy, matplotlib, Kivy, Pygame)
- SQL, HTML, Unity
- NX, Solid Edge, Creo Parametrics, MathCad
- AutoCad, Nanocad
- TeamCenter, WindChill
- Microsoft Office

LANGUAGES

English - C1 (Advanced)

Italian - A2 (Pre-Intermediate)

INTERESTS

- Robotics
- Gamedev
- Reading of educational literature
- Sports (running, bouldering, table tennis)
- Music

PROJECTS

- Created an online-clothing store using Python Django
- Created a computer game using Python Pygame

WORK EXPERIENCE

RSC «ENERGIA» NAMED AFTER S.P.KOROLEV

System engineer of the 2nd category, Manned Transport Vehicle Design Department

March 2022 - September 2022

- Developed one of the options for a design of a spacecraft compartment
- Proposed and worked out a version of a design of a spacecraft compartment significantly increasing its volume by 1.5 times
- Developed and issued a set of pre-project documentation
- Built a 3D model of a system assembly, including 100+ interconnected components

Technician of the 1st category, Manned Transport Vehicle Design Department
October 2021 - March 2022

- Made a recalculation of mass centers and moments of inertia for one of the layouts of a manned transport spacecraft
- Developed and released 2 technical solutions
- Made improvements to the technical design

Design Technician, Department of General Assembly

February - September 2021

- Conducted and issued 30 change notices
- Released 4 working documents for an assembly of a manned transport spacecraft with a launch vehicle
- Corrected documentation of 2 modules for an International Space Station (ISS)

MOSCOW AVIATION INSTITUTE (NATIONAL RESEARCH UNIVERSITY)

Technician, Design Technologies Department

July 2018 - February 2019

- Created several 3D models of various aircraft structural elements, subsequently included in the working documentation

EDUCATION

MOSCOW AVIATION INSTITUTE (NATIONAL RESEARCH UNIVERSITY) - 2016-2022

Cumulative GPA: 4.95/5

Specialist of Design, Production and Operation of Rockets and Rocket-Space Complexes (equal to Masters's)

Achievements:

- Diploma with honor
- Awarded for a high scholarship for participation in social activity of the institute

COURSES

Python, SQL, HTML

ADDITIONAL ACTIVITIES

- 4 months of English speaking practice in the USA
- 6 months of system engineer experience at the robotics exhibition "Robostation" in Moscow