

## EDUCATION

### **Master of Engineering (M.E), Software Engineering**

Moscow Aviation Institute

2023 - 2025

### **Bachelor of Engineering (B.E), Avionics**

Moscow Aviation Institute (National Research University)

2018 - 2023

CGPA: 4.01/5

## WORK EXPERIENCE

### **Engineering Intern**

Lomonosov Moscow State University, Moscow

Internship • Sep 2021 - Nov 2021 (2 months)

Drone development using Raspberry Pi and Jetson nano boards.

Designing 3D parts for 3D printing in Tinkercad and blender.

### **Foreign Student Manager (International Department)**

Moscow Aviation Institute, Moscow

Job • Jul 2020 - Jun 2021 (11 months)

Student Services Team Leader for international students

search for foreign partners with a view to starting international cooperation

supervising the implementation of joint projects and programs helping foreign students in adapting to a new life

## POSITIONS OF RESPONSIBILITY

Lead a team of 7 volunteers to plan and conduct activities for literary university fest.

take a part of helping to organize the Math Olympiad for 6th and 7th graders in Moscow 2019.

## TRAININGS

### **Analog And Digital Circuits And PCB Design**

Jelecom Micrchip, Cairo

Jun 2022 - Jul 2022

Analyzing and construct basic analog and digital circuits. As well as design printed circuit boards PCB using Protues software.

how to use basic electronics lab equipment such as oscilloscopes, power supplies, signal generators, and more....

> techniques of circuit construction with solderless breadboards, wire wrapping, and soldering.

### Front-end Development

udemy, Online

Jun 2022 - Jul 2022

Build a simple HTML text site

Style web pages using CSS

Program websites with JavaScript and Bootstrap

### 3D Designing

udemy, Online

May 2022 - Jun 2022

How to use Blender and its elements

The interface and different tools of Blender 3.0

The principles of mesh modeling and advanced modeling techniques

The principles of sculpting

How to correctly use textures and materials... > How to render in Blender

To create game assets

How to model a simple stylized character

How to create your own 3D environments in Blender

How to texture, model, sculpt, light, and render different scenes and environments

## PROJECTS

### The problem of communication between manufacturers and airlines

Feb 2020 - Feb 2020

[https://drive.google.com/file/d/11K\\_oX\\_JmzzejC3D6IIMmf0IXv\\_xQ8H9D/view](https://drive.google.com/file/d/11K_oX_JmzzejC3D6IIMmf0IXv_xQ8H9D/view)

this project was for Hackthon where we got 3th place it was about

How can we help the manufacturer and the airline predict the demand for parts

and optimize delivery times, despite the lack and inconsistency of information.

## SKILLS

### Blender 3D

Advanced

### CSS

Advanced

### Autodesk Fusion 360

Intermediate

### JavaScript

Intermediate

### HTML

Advanced

### Python

Intermediate

### Bootstrap

Advanced