Michael Romashov

FULL-STACK DEVELOPER

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SKILLS

Programming

Python

Java

TypeScript

JavaScript

HTML / CSS

Frameworks

Django

Django REST

React

Electron

Languages

English

Russian

WORK EXPERIENCE

Developer @ VATSIM
Jun 2021 - Present

VATSIM is a global flight simulation network where virtual pilots and controllers can learn and fly together, simulating real world aviation operations. As part of their development team, I have been working with other developers to craft powerful web applications to improve the operation of network services.

Lead Avionics Developer @ Synaptic Simulations
Apr 2021 - Present

Synaptic Simulations is a small freelance design group that is working on an accurate recreation of the Airbus A220 aircraft in Microsoft Flight Simulator. As the lead avionics developer and project manager, I have been at the helm in terms of coordinating the various displays that will be shown to virtual pilots and have been working with external developer groups to collaborate on open source libraries.

Webmaster @ Virtual Houston ARTCC
May 2020 - Present

The Virtual Houston ARTCC is a subdivision of VATSIM. As their webmaster I have been in charge of creating a new, modern website to replace the old website — which was slow and lacked important features. I designed, developed, and deployed a brand new website based on the Django REST and React frameworks and coordinated with other staff to help their departments make the most of the new tool.

Programming Lead @ FIRST Robotics Team 334
Jan 2020 - Present

The FIRST Robotics Competition is a international league of student-led robotics teams that compete yearly against each other in a vast variety of challenges. As the programming lead for my school's team, I manage the other programmers and help foster collaboration with the mechatronics division.

Full-Stack Engineer Intern @ Pupil Corporation
Dec 2020 - Apr 2021

Pupil Corporation is a startup that is working on a professional networking app tailored to high school and college students. As an intern, I created a brand new landing and careers page to give the startup a refined online presence and employed SEO tecniques to give it more attention.

Education

Brooklyn Technical High School Software Engineering
Sep 2018 - June 2022

GPA: 101.46

Activities: FRC Robotics Team 334, Mu Alpha Theta Math Honor Society