

# Michael Romashov

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## EDUCATION

**Bachelor of Science, Computer Science**  
*City College of New York*

**Aug 2022 - Present**  
*New York, NY*

**Advanced Regents Diploma, Software Engineering**  
*Brooklyn Technical High School*

**Sep 2018 - Jun 2022**  
*Brooklyn, NY*

**Selected Coursework:** Fundamentals of IT Infrastructure, Big Data Warehousing, Digital Electronics

## EXPERIENCE

**Web Developer**  
*VATSIM*

**Jun 2021 - Present**  
*Remote*

- Responsible for design and implementation of a new webhook system to disseminate network updates to all divisions and subdivisions.

**Programming Team Lead**  
*FIRST Robotics Team 334*

**Jan 2020 - Jun 2022**  
*Brooklyn, NY*

- Onboarded and educated new programmers on basics of software engineering and robot control systems.
- Coordinated with mechanical and electrical teams to ensure smooth integration with robot software.

## PROJECTS

**Synaptic Simulations A22X**

**Apr 2021 - Present**

- Collaborated with an international team to develop an open-source recreation of the Airbus A220 airliner in Microsoft Flight Simulator with a high level of precision and accuracy.
- Developed utilities to enhance and accelerate the development life cycle, while working with similar groups to ensure compatibility with their projects.
- Wrote highly performant React front-end code, making extensive use of the Hooks API and Redux. Also developed back-end systems in Rust to emulate VHF navigation equipment.

## ACHIEVEMENTS

**National Cyber Scholar with Honors**

**Nov 2022**

- Among 415 highest ranking students nation-wide in the 2022 National Cyber Scholarship program.
- Participated in the 2022 Cyber Foundations Academy and successfully passed the GIAC Foundational Cybersecurity Technologies (GFACT) certification exam.

**MIT BeaverWorks Summer Institute**

**Jul 2021**

- Participated in the 2021 Cybersecurity in Software Intensive Systems program, where my team and I received an honorable mention for the final capture-the-flag project.

## SKILLS

<b>Programming</b>	Python, TypeScript, Rust, C++, Java, SQL
<b>Frameworks</b>	Django, React, Next.js, Tauri
<b>Tools</b>	GitHub, Docker
<b>Languages</b>	English (native), Russian (native)