









# EGOR BARINOV

## SOFTWARE ENGINEER

 Charlotte, NC, United States

### CONTACT

 ebarinov.com  
 github.com/georgebrnv  
 egor.barinov.us@gmail.com  
 /egorbarinov  
   /georgebrnv

### CERTIFICATION

#### Mdbourke

PyTorch: Zero to Mastery  
March 2025

#### Codecademy

Learn Python 3 Course  
Build Python Web Apps  
Learn SQL  
September 2023 - January 2024

#### Udemy

Python Bootcamp  
Python Django  
November 2023 - February 2024

### EDUCATION

2019-2023

#### Bachelor's

#### Business Administration and Finance

Saint Petersburg State University  
Of Civil Aviation  
Saint Petersburg, Russia

### LANGUAGES

English



Russian



### PROFILE

Enthusiastic and detail-oriented Software Engineer developer with a passion for crafting robust and scalable solutions. Proficient in Python, TypeScript and JavaScript programming languages with growing expertise in machine learning and PyTorch. Eager to expand skills in back-end development and AI/ML applications. Adept at collaborating with cross-functional teams to deliver high-quality software products.

### SKILLS

- Proficiency in Python, TypeScript, and JavaScript for full-stack development and automation.
- Strong knowledge in database design and management using PostgreSQL, SQLite, Airtable.
- Solid understanding of ReactJS, Node.js, Express.js, Flask, Django frameworks for building web applications.
- Hands-on experience with cloud platforms (Digital Ocean, Supabase, AWS) and containerization using Docker.
- Proficient in building and consuming RESTful APIs and implementing comprehensive authentication systems.
- Experience with HTML, CSS for front-end development, styling and scripting, including Tailwind, Bootstrap.
- Knowledge of Git and version control systems.
- Strong problem-solving and debugging abilities.

### EXPERIENCE

#### Research and Development Analyst

Jun 2024 - Present

Influenceable

- Developed and launched creators portal automating 90% of campaign management processes, significantly reducing manual workload.
- Built complete database architecture from scratch using AirTable with automated workflows and custom scripts, integrated with multiple communicating microservices.
- Implemented automated post data collection systems that decreased campaign spend through enhanced accuracy and real-time monitoring.
- Built analytics dashboards with executive overview and client-facing interfaces, enabling proactive campaign optimizations.
- Engineered data infrastructure solutions including dual-source aggregation, validation systems, and custom scraping tools.

#### Junior Python Developer / Contributor

Feb 2023 - Feb 2024

Goldfinch

- Developed proficiency in core Python programming concepts including object-oriented programming, data structures, and control flow mechanisms.
- Contributed to enterprise-level projects by implementing assigned features and maintaining existing codebase components.
- Collaborated effectively with cross-functional development teams and senior developers to deliver project milestones on schedule.
- Participated in code review processes, incorporating mentor feedback to enhance code quality and adhere to best practices.

### PROJECTS

- Automated Solana DLMM trading bot using Python, Web3 and PyTorch integrations, leveraging market data APIs and OpenAI for intelligent position management on Meteora DEX.
- Dynamic Django-based Solana Wallet Tracker web application enabling users to monitor their cryptocurrency assets in real-time.
- Portfolio Flask-based website built using Bootstrap, integrating REST API, a contact form with form validation, SMTP library ([egor.barinov.com](mailto:egor.barinov.us@gmail.com)).
- Flask Blog web application, includes authorization and authentication, dynamically rendered articles, comments, images and etc.