Alex Poloz

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EDUCATION

St. Petersburg State University (SPBU) — Aug. 2016 – Jul. 2020
Bachelor of Applied Mathematics and Control Processes

Y Combinator Startup School (YC) — Jun. 2019 – Aug. 2019
Participation in Global Community of Innovators

Moscow Institute of Physics and Technology (MIPT) — Aug. 2017 – Jul. 2018
Qualification in Machine Learning and Data Analysis

EXPERIENCE

CTO | Styletyx (styletyx.com) — Feb. 2022 – Jun. 2023 — *1 year 5 months*
- Development of an asynchronous ORM system for managing frequently changing data
- Development of a web platform and launching it in the US market
- Setting up auto-deployment and migrating architecture to AWS

Software Engineer III | Yandex (yandex.com) — Apr. 2021 – Jul. 2022 — *1 year 4 months*
- Development of a courier management service and shift scheduling
- Development of the WMS back office
- Setting up health metrics and responsible service monitoring

Co-Founder & CTO | Tensy (tensy.org) — Jul. 2018 – Jan. 2022 — *3 years 7 months*
- Development of an MVP for an educational platform
- User custom development and feature implementation
- Managing a development team of 4 people

PROJECTS

Aculca (aculca.com) | *ML, LLM, SEO, FastAPI, React* — 2023
- Implementation of AI tools for 100% automation of the platform: from content to content grid
- Setting up SEO and SSR for the FrontEnd
- FullStack development of the platform and website

Methods of user discussions analysis in Web 2.0 | *NLP, LSA/LDA, Bots* — 2020
- Searching and extracting user discussions on social media
- Sentiment analysis, relationship mapping, and topic extraction
- Building heat maps and visualizing discussion graphs

AWARDS

Junction | Final, Finland — 2019
Hack Zurich | TOP 25, Switzerland — 2019
Wrike Work, Unleashed Contest | TOP 2, Czech — 2019
Hackdays Rhein-Main | TOP 4, Germany — 2019
Malta Blockchain Summit | TOP 3, Malta — 2018

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS
DataBases: PostgreSQL, MongoDB
Frameworks: FastAPI, Flask, AIOHTTP, Redis, React, NextJS, Redux
Technologies: NGINX, Messenger Bots, Parsers, REST API, JSON-RPC, Long Polling, Webhook, asyncio, WebSockets, Bash, *nix
Developer Tools: Git, GitHub Actions, Docker, Docker Swarm
Libraries: Pandas, NumPy, Scikit-Learn, TensorFlow, Keras, Transformers, Matplotlib