

# Alex Poloz

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## EDUCATION

<b>St. Petersburg University (SPBU)</b> <i>Bachelor of <u>Applied Mathematics and Control Processes</u></i>	Aug. 2016 – Jul. 2020 <i>St. Petersburg, Russia</i>
<b>Moscow Institute of Physics and Technology (MIPT)</b> <i>Qualification in <u>Machine Learning and Data Analysis</u></i>	Aug. 2017 – Jul. 2018 <i>Moscow, Russia</i>

## EXPERIENCE

<b>CTO</b>   Styletyx ( <a href="https://styletyx.com">styletyx.com</a> ) <i>1 year 5 months</i> <ul style="list-style-type: none"><li>Development of an <u>asynchronous ORM</u> system for managing frequently changing data</li><li>Development of a <u>web platform</u> and launching it in the US market</li><li>Setting up <u>auto-deployment</u> and migrating architecture to AWS</li></ul>	Feb. 2022 – Jun. 2023 <i>USA StartUp</i>
<b>Software Engineer III</b>   Yandex ( <a href="https://yandex.com">yandex.com</a> ) <i>1 year 4 months</i> <ul style="list-style-type: none"><li>Development of a <u>courier management service</u> and shift scheduling</li><li>Development of the <u>WMS back office</u></li><li>Setting up <u>health metrics</u> and responsible service monitoring</li></ul>	Apr. 2021 – Jul. 2022 <i>Moscow, Russia</i>
<b>Co-Founder &amp; CTO</b>   Tensy ( <a href="https://tensy.org">tensy.org</a> ) <i>3 years 7 months</i> <ul style="list-style-type: none"><li>Development of an MVP for an <u>educational platform</u></li><li>User <u>custom development</u> and feature implementation</li><li><u>Managing</u> a development team of 4 people</li></ul>	Jul. 2018 – Jan. 2022 <i>Tallinn, Estonia</i>

## PROJECTS

<b>Aculca</b> ( <a href="https://aculca.com">aculca.com</a> )   <i>ML, LLM, SEO, FastAPI, React</i> <ul style="list-style-type: none"><li>Implementation of AI tools for <u>100% automation</u> of the platform: from content to content grid</li><li>Setting up <u>SEO</u> and <u>SSR</u> for the FrontEnd</li><li><u>FullStack</u> development of the platform and website</li></ul>	2023
<b>Methods of user discussions analysis in Web 2.0</b>   <i>NLP, LSA/LDA, Bots</i> <ul style="list-style-type: none"><li><u>Searching and extracting</u> user discussions on social media</li><li><u>Sentiment analysis</u>, relationship mapping, and topic extraction</li><li>Building heat maps and <u>visualizing discussion graphs</u></li></ul>	2020

## AWARDS

<b>Junction</b>   <u>Final</u> , Finland	2019
<b>Hack Zurich</b>   <u>TOP 25</u> , Switzerland	2019
<b>Wrike Work, Unleashed Contest</b>   <u>TOP 2</u> , Czech	2019
<b>Hackdays Rhein-Main</b>   <u>TOP 4</u> , Germany	2019
<b>Malta Blockchain Summit</b>   <u>TOP 3</u> , 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