

Margarita Mariampillay

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EDUCATION

- **Higher School of Economics** Moscow, Russia
Bachelor in Software Engineering; GPA: 8.04/10 *Sep. 2016 – Jun. 2020*
- **Technical University of Munich** Munich, Germany
Master in Data Engineering and Analytics *Oct. 2020 – Mar. 2022*

EXPERIENCE

- **GE Aviation** Munich, Germany
Software Engineer *Apr 2021 - Now*
 - **Responsibilities:** Developing avionics software for pilot's decision making, C++.
- **TUfast e.V. Eco Team** Munich, Germany
Software Engineer Volunteer *Dec 2020 - Now*
 - **Responsibilities:** Developing SLAM system, C++.
- **Yandex** Moscow, Russia
Analyst Intern, Antifraud team *Nov 2019 - May 2020*
 - **Responsibilities:** Detecting fraud in App distribution: Data Analysis, Data Visualisation, Investigating fraud causes, Writing banning rules, SQL, Python
 - **My contribution:** I looked for dependencies to ban the unwanted traffic. I learned how fraudsters and robots behave and how regular traffic should look like. Also, I'm able to detect click spam, modified click spam, click injection.
- **IPONWEB Ltd (UK)** Moscow, Russia
Technical Project Manager, AdTech - SSP side *July 2018 - Aug 2019*
 - **Responsibilities:** Project set up, Team organization, Sprints planning, Communication with client, Writing specifications, Project monitoring, Control of the performance of the tasks, Delivery time estimation, Optimization of project costs.
 - **My contribution:** I took an active part in one big PoC project set up and then in the development of the Full built of the same project. Additionally, I looked after two smaller projects.
- **Higher School of Economics** Moscow, Russia
Teaching Assistant *Jan 2019 - Now*
 - **Subjects:** Psychology (Jan 2019 - Apr 2019) , Product Management (Nov 2019 - Dec 2019), Algorithms and Data Structures (Jan 2020 - June 2020), Applied Statistics (Coursera) (Sep 2020 - now)

PROJECTS

- **RESTful Web service for Decision Tree for Social Survey Construction Based on CHAID Algorithm:**
My course work, 2017. C#
The code is on my github.
- **ufi cli:**
My course work, 2019. Java
Corporate application for managing files within internal warehouse
- **book-it:**
Start up I work on as my diploma, 2020. Go
Standard booking app with specific partners system. I worked on DB and server logic and set up.

SKILLS

- **Languages:** English (Advanced), Russian (Native), German (Beginner)
- **Programming Languages:** C++, Go, Python, C#, YQL/SQL, Java
- **Technologies:** VS Code, Jupyter Notebook, Jira, Confluence, Grafana, Git, LaTeX