

**Alexey Golovnia**



**jul 2005 – oct 2012**

**Machine tool construction designer.**

*T-flex CAD*

**Minsk Electrotechnical Plant** **oct 2012 – now**

**Specialist and Team Lead. Lot of projects: automation of design, technological and office document management.**

*Intermech Search, Cadmech, Techcard, AVS, Imbase*

**Experience**

[**Daily planner**](https://github.com/AlexeyGolovnia/diary_events.git) **mar 2021**

**Daily planner with reminders and widgets for Iphone.**

*Swift, SwiftUI, WidgetKit, UserNotifications*

[**Handwritten number recognition**](https://github.com/AlexeyGolovnia/digit_recognition.git) **apr 2022**

**Number recognition using a self-written feedforward neural network.**

*Python, Numpy, Tkinter*

[**Creation and filling of the database**](https://github.com/AlexeyGolovnia/de_course.git) **oct 2022**

**Airflow-process for automatic filling of a Postgresql database with data preprocessing.**

*Python, Apache Airflow, PostgreSQL, Sqlalchemy*

[**Website metrics monitoring**](https://github.com/AlexeyGolovnia/prometheus_project.git) **nov 2022**

**Tracking website visits with visualization in Grafana and notifications in Telegram. Deployed in Docker.**

*Prometheus, Alertmanager, Grafana, Docker, Telegram-bot*

**Data Engineer**

**Projects**

* **English: Intermediate (B1)**
* **Russian: Native**
* **Belarusian: Native**

**Languages**

* **Apache Airflow, NiFi, Kafka,  
  PostgreSQL**
* **Prometheus, Alertmanager,  
  Grafana**
* **Python, Pandas, Scikit-learn,   
  Numpy, Matplotlib**
* **Docker**
* **Git**
* **Swift, SwiftUI**

**Skills**

**Contacts**

**Minsk, Belarus**

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**(Telegram, WhatsApp)**