Taras Shevchenko

Executive summary

1. Strong in-depth skills in STL, C++, Python, general-purpose algorithms and generic programming.
2. Performance-oriented software design.
3. Strong understanding of algorithms, networking, systems architecture and end-user experience.
4. Systems programming.
5. In-breadth and in-depth understanding of Open Source software facilities.

The last industrial experience

Rails Reactor (2016 - present)

Key results:

- Designed and implemented a flight planning system.
- Created a Machine Learning model for Ideal Customer Profile evaluation.
- Implemented an API for management of available Kubernetes services and external integrations.
- Designed and implemented a few e-commerce services and APIs.
- Worked on visual odometry for self-driving cars.
- Designed a product for ads management and delivery.

Daily activities:

1. Negotiations with clients.
2. Programming.
3. Testing.
4. Code reviews.

Education

Institution	Degree	Specialization	Thesis
Institute for Applied System Analysis at NTUU Kyiv Polytechnic Institute	Master's	System Analysis and Control Theory	Multimodal Search System
	Bachelor's	Artificial Intelligence	Distributed Search Relevance Evaluation

Other information

- Solid mathematical culture.
- ACM ICPC 2017 semifinalist.

Skills

Programming languages	C++, Python, Java, Scala, Ruby, JS
C++ stack	Boost libraries, Adobe Source Libraries, Seastar, Jinja, CMake, Clang, GCC, Protobuf, FlatBuffers
Python stack	CPython, Cython, SQLAlchemy, Flask, Django, Sanic, Django Rest Framework, Sphinx, Google OR-Tools, Celery, Redis-Py, Credstash, Django OAuth Toolkit, VirtualENV, SciPy, NumPy, Matplotlib
Operating systems	GNU Linux and FreeBSD
Technologies	Bash, Docker, Kubernetes, Vagrant, Nginx, Haproxy
Databases	Databases: Postgres, MySQL, ScyllaDB, SQLite, Redis
Other	Payment Systems, CI/CD process

Contacts

Github: tshev **Skype:** tshev.com **LinkedIn:** Taras Shevchenko **Location:** Kyiv, Ukraine