

ILLIA DOROSH

Software Engineer

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EXPERIENCE

Praktikum

UK Erlangen

Jun 2022 – Jul 2022 Erlangen, Germany

- RNAseq data visualization using R Shiny
- Learned how to use the omiq.ai for flow cytometry

Intern

D.K. Zabolotny Institute of Microbiology and Virology

Oct 2021 – Feb 2022 Kyiv, Ukraine

- Built a system that measures light intensity emitted by *Photobacterium phosphoreum* based on ESP32 microcontroller, that logs data onto an SD card.
- Helped to request information about tube luminometers from Berthold Technologies GmbH

Full stack software engineer

Nooron UG

Jan 2018 – Aug 2021 Berlin, Germany

- I was appointed by the founder to optimize Nooron's ontology editor and user authorization.
- Added formula functionality to the Ponderate - a tabular representation of semantic knowledge bases.
- I helped to transition the HuViz project's codebase to GitLab's CD/CI workflow, worked on the UI and d3js force layout.

Web developer

Institute of Geochemistry, Mineralogy and Ore Formation, The National Academy of Sciences of Ukraine

Jul 2015 – July 2017 Kyiv, Ukraine

- Created the website for the scientific journal to get the ISBN using CMS Drupal7.
- Oversaw maintenance, wrote the content in 3 languages, installed modules: file download, multilanguage, Biblio.
- The site was initially hosted on free hosting registered by me, until they bought a proper plan, so I migrated the files and the database.

Intern

Richesse Oil

Dec 2013 – Jan 2014 Odesa, Ukraine

- Created the company website using CMS Joomla, based on the Iranian supplier's one.
- Installed Linux, Windows. Set up and supported cloud services (Dropbox).
- I assisted the team with Excel, wheat specifications, designed corporate template.

SKILLS

Python
TensorFlow
Javascript
WebGL
React
NodeJS
MongoDB
SQL
Redis
Java
Android SDK
Scala
Play Framework
C++
Git



LANGUAGES

English - fluent German - B2
Polish - A1 French - basic
Russian - fluent Ukrainian - native

EDUCATION

B.S. in Systems Engineering

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

Sept 2014 – July 2018

M.S. Biotechnology and Bioengineering

Taras Shevchenko National University of Kyiv

Sept 2021 – now

CERTIFICATIONS

Code School

Git, RegExps, AngularJS, JQuery

Stanford CS183

MOOC Startup engineering

IBM cognitive class

Machine learning. Big data