

# Oleg S.

## Senior Elixir Engineer

### SUMMARY

- Having huge experience (14+ years) in backend development on C/Erlang/Elixir has shown himself as aim-oriented developer with analytical skills. - Using his experience he can not only to develop new features and functionality, but also make clear hidden multiconnection in any code that is based on the scope of Erlang/Elixir/C/Js. - Has a huge experience in parser development of custom xml coding - Upper-Intermediate English. - Available: ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Erlang, Elixir, C
<b>Programming Languages</b>	C, Elixir, Erlang, JavaScript, Python
<b>Java Libraries and Tools</b>	N2O
<b>Methodologies, Paradigms and Patterns</b>	Agile, Scrum
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Trello, Jira
<b>Web/App Servers, Middleware</b>	Cowboy, Nginx
<b>Version Control</b>	Git
<b>Operating Systems</b>	Linux, Windows
<b>Third Party Tools / IDEs / SDK / Services</b>	Qt Framework

### EXPERIENCE

#### Developer

1 year

#### Responsibilities:

- developing BPMN based docflow system using Erlang\Elixir, implementing SEV protocol

**Technologies:** Erlang, Elixir, Broadway, NX, gen\_tcp & :gen\_udp, Infrastructure, n2o, BPE, KVS

#### Developer

2 years



**Description:** Network Inspector

**Responsibilities:**

- build utility for analysis of networks (networks represented by graphs)

**Technologies:** Erlang, OTP

## Software developer, University of Bielefeld

3 years

**Description:** ADAMAAS project, CITEC (this project gain award of the German government as one of 100 best among about 1500 similar projects in the area)

**Responsibilities:**

- project gain award of the German government as one of 100 best among about 1500 similar projects in the area

**Technologies:** C++, Qt, Android

Customer

## Software Engineer, Bielefeld University

2 year

**Description:** member of the Neurocognition and Action-Biomechanics Group at the Faculty of Psychology and Sport Sciences at Bielefeld University, Germany. Programmer at the Excellence Cluster "Cognitive Interaction Technology" (CITEC)

**Responsibilities:**

- implementing a hierarchical clustering method for measuring mental representation structures in long-term memory and on complex movement studies in classical ballet and golf

**Technologies:** C, C++, QT, LISP, Python

## Software Developer, Different freelance projects

2 years

**Technologies:** C, C++, QT

## University of Madeira

4 years

**Description:** research assistant in the research programs of CCM (Centro de Ciências Matemáticas), University of Madeira, and of the NEMO project

**Responsibilities:**

- implementing and testing communication models and algorithms for numerical computations, visual data representation and data processing

**Technologies:** Qt, Python



## Teacher, NaUKMA

3 years

**Description:** teacher of Logic and Functional programming

**Responsibilities:**

- Faculty of Informatics in NaUKMA (duties: course design, lectures and practical classes)

**Technologies:** PROLOG and LISP

## EDUCATION

Master's degree of the National University of Kyiv Mohyla Academy, program "Intellectual systems of control"

2005

- Introduction to Computer Science and Programming Using Python (MITx – 6.00.1x)
- Introduction to Mobile Application Development using Android (HKUSTx – COMP107x)
- Computer Graphics (UC San DiegoX – CSE167x)
- Vocal Recording Technology (BerkleeX – Bmpr365x)
- Statistical Thinking for Data Science and Analytics (ColumbiaX – DS101X)
- Machine Learning for Data Science and Analytics (ColumbiaX – DS102X)
- Enabling Technologies for Data Science and Analytics: The Internet of Things (ColumbiaX – DS103x)
- Cybersecurity Fundamentals (RITx - CYBER501x)

