

Oleg Ruban

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Summary

I am a machine learning engineer with a software development background. My area of interest is finding trends, patterns, and extracting concepts out of numbers. I have experience in data acquisition and data modeling, statistical analysis, machine learning, deep learning with Python.

Also, I am a certified AWS Solutions Architect since 2019 and a specialist at creating secure, highly available, and cost-efficient environments in the AWS cloud that meet all modern compliance standards. I am proficient with the full-stack software development, with the preference for back-end tasks and challenges.

Languages and SDKs

Primary: Python, Pandas, NumPy, Scikit-learn, LightGBM, Xgboost, SQL,
Secondary: Keras, Tensorflow, PyTorch, AWS, C#, C++, Win32 API.

IDEs:

JupyterLab/Notebooks, Google Colab, PyCharm, MS Visual Studio

Internet and Enterprise Technologies

Primary: HTML, Python
Secondary: JavaScript

DBMS and Database SDKs

Primary: Firebird SQL/Interbase,
Secondary: MySQL

Professional Experience

Machine Learning Engineer, Software Engineer, AWS Solutions Architect (www.oleg-ruban.net)

Freelancer

03/2019 – Present

Duties

Researching, design, implementation of data analysis, and machine learning solutions.
Creating secure, highly available and cost-efficient environments in the AWS cloud.
Software development

Software and Tools

Python, Pandas, NumPy, Scikit-learn, LightGBM, Xgboost, SQL, JupyterLab/Notebooks, Google Colab, Microsoft Visual Studio .NET 2019, C#, Amazon Web Services (AWS)

Vispero™ (<https://vispero.com/>)

USA, Clearwater, Florida (Remote)

07/2017 – 03/2019

Software Developer (contractor)

Duties

Software development.

Software and Tools used

Microsoft Visual Studio .NET 2017/2019, C#, C++, WCF, WPF, ASP.NET,
MS SQL Server 2010, Amazon Web Services (AWS), Perforce, Bugzilla, WiX

Main Projects

[ZoomText](#)

Accomplishments

Participated in design and implementation of the business logic and the UI Built
Windows installation packages from XML source code

Ai Squared (www.aisquared.com)

Manchester Center, VT USA (Remote)

06/2009 – 06/2017

Software Developer (contractor)

Duties

Software development.

Software and Tools used

Microsoft Visual Studio .NET 2010/2012, C#, C++, WCF, WPF
MS SQL Server 2010, NUnit, Hudson CI server.

Main Projects

ZoomText`

Accomplishments

Participated in design and implementation of the business logic and the UI.

Trans Data Communications (www.transdata.com.au)

Australia, Sydney (Remote)

05/2007 – 06/2010

Software Developer (contractor)

Duties

Software & database development.

Software and Tools used

Microsoft Visual Studio .NET 2003/2005/2008, C#, Firebird SQL, Report Manager,
DevExpress Controls.

Main Projects

Solutions to businesses targeted at field service, logistics and supply chain

Accomplishments

Developed .Net scheduling applications;
Designed business classes;
Designed UI.

«Ukrainian glasses» Ltd.

Izium, Kharkov region, Ukraine

11/2004 - 05/2006

Software Developer

Duties

Software development
System and network administration

Software and Tools used

Microsoft Visual Studio .NET 2003/2005, C#, Firebird SQL

Main Projects

Lens and glasses calculating system

Accomplishments

Full software development life cycle from technical specification & analysis till deployment.

Private businessman

Izium, Kharkov region, Ukraine

04/2004 - 10/2004

Duties

Software development

Software and Tools used

Microsoft Visual Studio .NET 2003, C#, Firebird SQL

Main Projects

Lens and glasses calculating system
Customer accounting system for small business

Achievements

Develop & maintain software for private commercial company.

Accomplishments

Book-keeping software development.

Education

MS/BS, 1999

Kharkov National University,

Finance and Credit, Kharkov, Ukraine (<http://www.univer.kharkov.ua/en>)

MS/BS, 1995

Kharkov State Academy of Railway Transport (<http://kart.edu.ua/index.html>),

Microprocessor control system, Kharkov, Ukraine