CURRICULUM VITAE
Dmitry Ryabokon

Summary
- Remote R&D engineer with deep experience in
- Convolutional neural networks
- Computer Vision
- Data science
- Artificial intelligence
- Machine learning
- Image processing
- Pattern recognition
- Pre-sales consulting support

Technology stack
- ML: TensorFlow, Keras, Scikit-learn, Pandas, Matplotlib, Numpy, SciPy
- ComputerVision: OpenCV, Pillow, Tesseract
- Math: Python, Matlab, R
- C++:   WinAPI
- 3D: DirectX, OpenGL
- SQL: MySQL, Oracle, PostgreSQL
- NoSQL: MongoDB
- Web: Postman, Fiddler
- IDE: PyCharm, MS Visual Studio, NetBeans, IDEA, KDevelop
- CASE tools: Visual Paradigm for UML, Rational Rose, Enterprise architect
- Version control: Git, SVN, CSV
- Doc: Doxygen, JasperReports
- ERP\CRM: Cognos, Jira, SugarCRM
- Agile: Scrum, XP, FDD, TDD

Education
- 2002-2005: Cybernetic Center of the National Academy of Science of Ukraine, PhD
- 2002   : Dresden Technical University (Germany), faculty of artificial intelligence
- 1996-2002 : National Technical University of Ukraine, physical & engineering faculty, MD

Experience

2017 – now: Cogniance
Activities
- Running various engineering projects
- Day to day cooperation with product team and project stakeholders
- Post-production support of the products: maintenance and improvements
- Addressing and resolving issues escalated from end users
- Continuous improvement of the product: system design, UX, functionality and features
- Managing of prioritized product roadmap and backlog
- Enhancing and following best engineering practices for CI/CD/Test automation/Performance testing

Technologies/tools/frameworks
- Python
- Git, Jenkins, Jira
- CI/CD/Test automation, Performance testing

2013 – 2017: Zoral Labs

Projects
- o Implementing Decision engine for customer's online e-lending systems
- o Business rules management for credit risk decisioning

Activities
- o R&D
- o Software engineering
- o Requirements management
- o System design
- o Project delivery management
- o Managing of prioritized product roadmap and backlog
- o Enhancing and following agile-based best-practices
- o Pre-sales consultative support

Technologies/tools/frameworks
- o Python, Git, Trac, Wiki
- o R, AI/ML models' library

2009 – 2013: Luxoft

Projects
- o Reference Data Services – development of master data management tools. Development of Data Warehouse architecture guiding principles.
- o Operations Portal – developing of BI tools for analysis of capacity, cost per trade, resource utilization and other performance indicators (KPI's) for Global Business Solutions.

Activities
- o Running multiple projects (data mining tools, analysis of transaction costs impact, trade management lifecycle, incident management, reference data management)
- o Adopting Agile Delivery practices in rapidly changing, collaborative business environment
- o Establishing processes for secure, high-quality service-oriented deliverables
- o Building a strong, engaged core team of business SMEs, resource optimization
- o Ensure timely project resource management

Technologies/tools/frameworks
- o Java, C++, JS, Python, Git, Gerrit, Jira, Wiki, WebKit, Enyo
- o Informatica, MDM Hub, PegaRules
- o Flex, Oracle, Java, IBM Cognos, QlikView

2007 – 2009: ITT-consulting

Activities:
- o Running various types of projects (R&D, VoIP, ERP, CRM, Web, etc.)
- o System/architecture design
- o Researching of technology trends and innovation in AI/ML
- o Customer communication, technical requirements specification
- o Development and implementation of corporate IT-strategy
- o Pre-sales consulting

Technologies/tools/frameworks:
- o C++, Asterisk
- o DirectX
- o Sugar CRM, Joomla, MySQL

2006 – 2007: Innovative marketing

Activities:
- o Implementing of expert decision-making system to optimize targeted marketing for clients.
- o Forecasting of customer purchasing capabilities and analysis of target advertisement
- o People coordination and management, outsource team management
- o Achieved target revenue and gross margin quotas via production chain improvement
- o Provided internal trainings (UML, software design, risk management, statistical pattern recognition)

Achievements:
- o Effective target marketing strategy that improved profit up to 40%
- o Analytical tools for aligning multi-channel advertisement strategy according to clients target customer groups/segments

Foreign languages
- o English – fluent
- o Russian - fluent
- o German – basic level

Contacts
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