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| Alexander Borochkin | | | |
| Data Scientist | | | Contact |
| I started my professional carrier as a university professor and researcher in economics, finance and entrepreneurship then I switched my professional interests into Computer Science and became the developer of the Electronic Voice Assistants at the multinational companies. I was responsible for automatic technical reporting, developing the algorithms related to Natural Language Processing, integrating the machine learning models into the client-server software products. At this position I defended two international patents. | | | aabor.nn.com@gmail.com  <https://www.linkedin.com/in/aaborochkin/>  (971) 447 6676  Portland, OR |
| Education State University of Nizhny Novgorod, russia Post graduate Degree in Banking, Corporate, Finance, and Securities Law  2010 Università della Calabria, italy PhD Business Administration and Management  2002 State University of Nizhny Novgorod PhD Banking, Corporate, Finance, and Securities Law  2002 |  | Experience Data Scientist Lad24Oct 2022 - Feb 2023 Electronic Voice Assistants development. Analytical Reporting and Natural Language Processing, Automatic Speech Recognition. Neural Network Natural Language models training, automatic punctuation restoration. Containerized Neural Networks System development based on Apache Kafka as a server message broker. GPU computations in virtualized environment in the cloud and on-premises. Data Scientist Harman Connected Services Apr 2019 - Oct 2022  Multilingual Electronic Voice Assistants development. Automatic Analytical Reporting and Natural Language Processing. Research and development, patenting. Associate Professor State University of Nizhny NovgorodJan 2003 - Jan 2019 Research in Economics and Finance. University Instructor on Financial Markets, Banking, Innovation, Venture Capital, International finance in Russian and English languages. Attending multinational science conferences to present research results in the field of Economic and Finance. More than 20 research papers, plenty course slides and methodological materials in Economics and Finance.  **Certifications**  **Machine Learning with Python Track**  DataCamp, 2018    **Python Programmer Track**  DataCamp, 2018    **Data Scientist with Python Track**  DataCamp, 2018    **Data Scientist with R Track**  DataCamp, 2018    **Machine Learning with R**  DataCamp, 2018  **Patents**  **Method and system for training classifiers for use in a voice recognition assistance system / A. Borochkin / Harman connected services**  WO 2023/009021 A1 · Issued Feb 2, 2023    **Method and system for monitoring the performance of a voice recognition assistance system in a data sensitive environment / A. Borochkin / Harman connected services**  US-2023-0031060-A1 · Issued Feb 2, 2023 | |
| Skills Python (Programming Language)SQLR (Programming language)Neural NetworksMachine LearningNatural Language ProcessingStatisticsAutomatic Speech RecognitionLinux, Docker, QEMU/KVM, Vagrant, Virtual Box, Parallels, PortainerTerraform, Packer, AnsibleAWS, Networking, VPNKafka, Spark, MongoDB, RedisExcel, Word, PowerPoint, Outlook, WebexGit, Gerrit, Jira, Bugzilla, GitlabXLST, HTML, Markdown, LaTeXAcademic Writing, PatentingSoftware DevelopmentResearch and Development (R&D)Usability testing |

