

Valery Samovich

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Professional Summary

Lead-oriented data and analytics engineer with over 9 years of experience in exceeding business milestones and successful track of completed projects. Specialized expertise in software architecture, software design, big data, artificial intelligence, and cloud with excellent communication, analytical and problem-solving skills. Flexible at developing and executing software solutions with cutting-edge technologies and always eager to learn.

Skills

Languages: Java, Python, JavaScript, PHP, C#, BASH, Haskell, SQL, HTML, CSS, AJAX, Hive XML, JSON

Database: Apache, Hive, IIS, Nginx, MySQL, Oracle, MongoDB, MySQL Workbench, DatGrip, Google BigQuery

Libraries: Pandas, scikit-learn, NumPy, Keras, TensorFlow, UDF, Spring, Apache CXF, JDBC, jQuery, REST API, Angular

AI topics: Game theory, Search, Probability, Bayes Nets, Machine Learning, Genetic Algorithms, HMM, Logic & Planning

Other: AWS, GCP, Azure, Hadoop, Git, Jenkins, Bamboo, Docker, Spark, IntelliJ IDEA, Maven, Dataiku

Professional Experience

Data & Analytics Engineer, August 2015 - Present

The Walt Disney Company, Lake Buena Vista, FL

- Designing, architecting, building, and documenting big-data and real-time data analytics solutions driving guests to parks and resorts by utilizing a distributed file system and relational databases.
- Led development of big data pipelines to process information with Machine Learning to identify business anomalies and data quality issues in order to support the analytics department.
- Managed the project of implementation of a static code analysis tool for the team and on CI/CD to maximize software engineering productivity, streamline code review, and minimize operational expenses.
- Supporting stakeholder's requests and programming data processes to deliver data with validation and monitoring from sources like Google BigQuery, Teradata, Adobe Analytics, and Twitter API.

Software Engineer (SDET), December 2013 – July 2015

The Walt Disney Company, Lake Buena Vista, FL

- Designed Web Services (WS), REST APIs, and implementing them into bigger systems with Java.
- Analyzed complex systems, identifying points of failure, and developed solutions for mitigating risk.
- Documented WS and Automation Frameworks architectures, testing procedures, and debugging tools.

Education

Georgia Institute of Technology, Atlanta, Georgia, United States

Master of Science in Computer Science, January 2017 - Present (graduation in May 2020)

- Major in Computer Science, Specialization in Artificial Intelligence

Seminole State College, Sanford, Florida, United States

- *Computer Programming Technical Certificate, December 2016*
- *Information Technology Analysis Technical Certificate, December 2016*
- *Web Development Technical Certificate, May 2013*

Brest State University, Brest, Belarus

Bachelor of Arts, May 2005

- Major in Visual Arts, Computer Graphics and Drafting