Valery Samovich

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Professional Summary

Lead-oriented data and software 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, Teradata
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, Adobe Analytics

Professional Experience

Data & Analytics Engineer, August 2015 - Present
The Walt Disney Company, Lake Buena Vista, FL

- Leading the design and development of architectures (such as large-scale processing systems and databases.
- Building, architecting, testing, and maintaining big data and nearly real-time data analytics solutions by using distributed file systems, and relational databases and support stakeholder's requests.
- Developing AI, ML, and statistical big-data pipelines to identify business anomalies and data quality issues in order to improve reliability, efficiency, and quality and support the analytics department.
- Managing and developing the 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.
- Building Web Services for the data services team to provide delivery, consistency, and monitoring solutions.

Software Engineer (SDET), December 2013 – July 2015
The Walt Disney Company, Lake Buena Vista, FL

- Designed multi-purpose Web Services (WS) with REST APIs, and implementing them into bigger systems.
- Analyzed points of failure, by using log systems and static data services, 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, 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