

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 problem-solving, communication, and analytical 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: MySQL, Hive, MongoDB, Google BigQuery, Apache, IIS, Nginx, Oracle, MySQL Workbench, DatGrip, Teradata

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

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

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 data processing systems and databases).
- Building, architecting, testing, and maintaining big data and nearly real-time data analytical solutions by using distributed file systems, and relational databases to 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 to support the data services team and analytics department.
- Managing development and 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 (such as reservation and dining systems) with REST and SOAP APIs and implementing them into bigger back-end and front-end systems.
- Analyzed points of failure, by using log systems and static data services, and developed solutions for mitigating risk.
- Developed, and maintained 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