Valery Samovich

1000 Via Santae Ln Unit. 203, Celebration, FL 34737
Mobile: +1-321-945-7887   **Email**: valerysamovich@gmail.com   **Website**: www.vsamov.com

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: 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 & Software 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 and support the data services team and 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 (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