

## JACOB GOVSHTEYN

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[github.com/yasha0b1](https://github.com/yasha0b1)

[rpubs.com/yasha0b1](https://rpubs.com/yasha0b1)

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**PROFESSIONAL SUMMARY:** Result-oriented, hands-on professional, with a successful record of accomplishments. Major strengths include strong leadership and capacity to work as a team player, as well as excellent communicational skills. The professional attitude is grounded in the cross-cutting knowledge of the technical fields.

### WORK EXPERIENCE:

#### HP Enterprise Services

Sep 2013– Present

Data Engineer

[www.hpe.com](http://www.hpe.com)

5400 Legacy Drive,

Plano, TX 75024

972.604.6000

- Developed custom Java ETL tools for batch importing of legacy persistent xml medical records to Oracle 11g database.
- Leveraged Oracle Nashorn JavaScript and Python engine to streamline modeling tasks.
- Perform lineage mapping and metadata harvesting with Oracle Enterprise Metadata Management 12g
- Created and updated data models using SQL Developer Data Modeler(SDDM) for the data warehouse team
- Python BI Reshaping, aggregating, and joining disparate source engineering for external API interaction and automation of healthcare electronic data interchange system
- Python automation and scripting for TennCare data warehouse ETL tasks.
- Implemented and maintained data warehouse MITA based modeling standards
- Allocated and managed test data on all platforms using test data management tools.
- Migrated legacy Erwin database model to an Oracle Data modeler system.
- Integrated SVN versioning features with the Oracle Data modeler, and imported model source into the repository.

#### Softcard Mobile

March 2012 – Sep 2013

External Integration Analyst

13155 Noel Rd 2<sup>nd</sup> Floor

Dallas, TX 75240

phone: 972.674.8500

- Designed and Implemented WSDL documentation system using SoapUI Java API and Open Office XML standards.
- Designed, implemented, and supported testing infrastructure for enterprise platform mobile payments integration.
- Maintained multiple sandbox environments for physical and simulated NFC payments testing scenarios.
- Oversaw end-to-end data integration between internal SOA development teams and external database and transactions systems
- Identified and documented requirements and change requests. Communicated requirements to both external partners and the Softcard service team, identified gaps, and followed up on solutions.

#### ARGO Data Resource Corporation, Inc.

January 2009 – March 2012

Software Engineer II

[www.argodata.com](http://www.argodata.com)

1500 N. Greenville Ave, #1118

Richardson, TX 75082

phone: 972.866.3300

- Designed, Implemented, and tested ARGO's contact center solution utilizing ASP.NET, SQL, jQuery, XML, XSLT and ARGO's proprietary ADS(Bankpro).
- Planned, executed, and tested customer specific solutions to leverage paralleled asynchronous host communications for response time and performance enhancement.
- Worked closely with implementation and QA teammates to ensure assigned functionality adhered to performance and development standards.
- Lead efforts to reduce down time while performing development Environment upgrades.
- Participating in on-site development and design sessions with Fortune 500 banking institutions.

- Actively took part in recruiting efforts including peer mentoring, career fair presentations, and interviews

#### **Kannuu, Inc.**

February 2008 – November 2008

Software Engineer

[www.kannuu.com](http://www.kannuu.com)

5605 N. MacArthur Blvd, Suite 1118

Irving, TX 75038

phone: 214.295.5538

- Utilized C++ to integrated database(MySQL, SQLServer, SQLite, Oracle), Unicode, and networking support into existing architecture.
- Performed cross platform testing of system architecture (Linux, Solaris, and Windows).
- Analyze product requirements; design, develop, troubleshoot, debug, deploy and document software components.
- Developed a Server-Side Python Web client with embedded HTML/CSS. The Stateless client interpreted JSON objects from indexing apache/FastCGI server, and presented lookup method to the user.
- Developed a multi-threaded performance test application to analyze execution time, response time, and eliminate server bottle necks.
- Utilized Python to simulate random user input in index tree-traversal execution scenarios.
- Worked closely with other software engineers and Support groups as well as Retail Business and Operations groups to develop top quality products that solve actual business and technology problems.

#### **Alert Logic, Inc.**

December 2007 – February 2008

R&D Internship

[www.alertlogic.com](http://www.alertlogic.com)

1776 Yorktown

Houston, TX 77056

phone: 877.484.8383

- Utilized C++ programming to support a network security product delivered through a Software-as-a-Service (SaaS) model operating in a hosted Linux environment.
- Developed SSH functionality for a remote network configuration application using OpenSSH, Cisco Pix firewall, Snort IDS and SnortSAM
- Participated in architecture meetings and ongoing design review.

#### **EDUCATION**

##### **University of Texas at Dallas**

Richardson, TX

BS in Computer Science

December 2007

##### **Certificate**

**Johns Hopkins University**

[Data Science Specialization](#)

August 2015

A 10-course, R based specialization by Johns Hopkins University on Coursera.

Selected Courses: *R Programming, Getting and Cleaning Data, Exploratory Data Analysis, Statistical Inference, Regression Models, Practical Machine Learning.*

##### **Certificate**

**University of Washington**

[Machine Learning Specializations](#)

December 2016

A 4-course machine learning specialization taught via GraphLab, a Python-based software specialized in analytics

Courses: *Machine Learning Foundations: A Case Study Approach Machine Learning: Regression Machine Learning: Classification Machine Learning: Clustering & Retrieval*

##### **Continuing Education**

For a detailed list visit

[yasha0b1.github.io/portfolio/](https://yasha0b1.github.io/portfolio/)

**LANGUAGES:** Bilingual, Fluent in Russian