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| Egor Poblaguev | egorpoblaguev@gmail.com www.epoblaguev.com |

**Technical Languages:** Java, VB.NET, VBA, Python, C#, JavaScript, Bash

**Skills** **Technologies:** JSP, JQuery, D3, HTML, XML, CSS, Swing (Java GUI Toolkit), Pipeline Pilot, RabbitMQ

**Operating Systems:** Windows, Linux, Mac OSX

**Experience** *Bristol-Myers Squibb Hopewell, NJ*

**Programmer Analyst** *March 2012 – Present*

Python, Bash, VB.NET, VBA, Java, Javascript, JQuery, D3, C#, Linguamatics I2E, Pipeline Pilot, Oracle SQL

* **Scientific Search 2**
  + - Contributing technical expertise to migration efforts from in-house *Scientific Search* to vendor-purchased *Scientific Search 2* application.
    - Using knowledge gained working on *Scientific Search* project to evaluate new application’s ability to meet user and technical requirements.
    - Identifying and implementing required functionality absent from the vendor application.
    - Determining requirements for deploying *Scientific Search 2* application into production environment.
    - Supervising and guiding new developers, as well as assisting Business Analyst with capturing technical details.
* **Scientific Search**
  + - Contributed technical expertise to design and development of an in-house scientifically aware search engine.
    - Wrote and executed test scripts in HP-ALM.
    - Automated process of building deployment packages for Development, Test, and Production environments.
    - Designed and implemented process for checking if the latest version of a document was already present in the index, eliminating the need to re-index it and greatly reducing incremental indexing times.
    - Designed and implemented process for automatically removing documents from Microsoft FAST collection after they have been removed from SharePoint.
    - Developed *AutomationMQ* application, used by the Scientific Search team to send predefined commands over RabbitMQ and execute them on a remote server. This allows the Scientific Search team to manage server-side applications without assistance from the server team, and without implementing remote management functionality for each individual application.
    - Supervised other developer.
* **Linguamatics I2E and SIPA Workflow Tools**
  + - Provided technical expertise to SIPA (Scientific Information and Patent Analysis) team in the form of managing Natural Language Processing software and server, and developing applications to automate and optimize Analyst workflow.
    - Managing Linguamatics I2E application and hosting server.
    - Automated and optimized indexing of PubMed and PubMed Central sources.
    - Automated weekly downloading and publishing of pre-built indexes provided by Linguamatics.
    - Contributed to the analysis and then implemented of automation tools that improved the throughput of patent and literature analysis by **more than 50%**, allowing SIPA team to support more requests with fewer people.
    - Developed *Patent Indexer* application which automatically downloads, sanitizes, indexes, and makes available for querying a list of patents provided by the user.
    - Co-developed *Smart Query* application, providing a simple but powerful interface for running I2E queries.
    - Developed macros for dynamically highlighting hit-terms and embedding molecular structures in patent documents, increasing their value for Patent Analysts and Chemists.
    - Developed a *Competitive Intelligence dashboard* in Pipeline Pilot for tracking and visualizing drug developments in Thomson Reuters Cortellis Drugs API.
    - Developed application for querying the Thomson Reuters Cortellis Drugs API and visualizing the data by development phase and common drug properties.
    - Migrated *Current Awareness* news alerts application, relied on by hundreds of users, from unsupported Verity system to Microsoft FAST.

*Student Health Services, Stony Brook University* *Stony Brook, NY*

**Programmer** **/ Support Technician**  *Sept 2007 – Dec 2011*

VB.NET, VBA, MS SQL Server 2005, MS Visual Studio, MS Visio

* Developed a database application for tracking qualifications of medical staff, which is vital for the Student Health Services to continue legally providing medical services.
* Developed an application for storing and searching information about private practices associated with the University Counseling Center.
* Developed a computerized asset management system to keep track of computers and store detailed information about their software, hardware, and deployment statuses.
* Provided software and hardware technical support in Student Health Services, and their affiliated departments several at University campuses.
* Provided training to new Computer Technicians and Programmers.

*College of Business, Stony Brook University Stony Brook, NY*

**Web Developer Intern** *July 2010 – May 2011*

Java, JSP, JSTL, JavaScript, JQuery, HTML, CSS, MySQL 5, GlassFish Server, NetBeans

* Developed and maintained an online Faculty Support system for the College of Business.
  + - The system enables faculty to submit requests for a wide variety of needs, such as technical support, office supplies and expense reimbursement.
    - Administrators can view, respond to, track, and otherwise manage submitted requests.

**Open Source Graphing Calculator** *(http://code.google.com/p/graphingcalculator)* *Feb 2010 – Present*

**Projects** Java, Swing (GUI Toolkit), SVN

* Developing an open source, cross platform, graphing calculator.
* Project replicates many of the features of a TI-83 graphing calculator.

**Awards** Multiple Spot Awards for Outstanding Performance

IAS Data Shark Award, Dec 2012, Jun 2012

Certificate of Excellence for Outstanding Performance in Principles of Database Systems Course Project, Dec 2008

Dean’s List,Fall 2007, Fall 2006

**Invited Enhancing Out-of-the-Box I2E**, Linguamatics Text Mining Summit, Oct 2012 (https://goo.gl/TEiMWm)

**Presentations**

**Education** MBA with concentration in Information System Management and Finance, **Stony Brook University**

Bachelor of Science in Computer Science, **Stony Brook University**