

Philadelphia, PA
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github.com/jperelshteyn

SKILLS

Programming:

- Python
- T-SQL
- JavaScript
- C#/Visual Basic
- Scala

Web

- HTML, CSS, Bootstrap
- Flask
- ASP.NET
- Telerik Web Controls
- jQuery
- Selenium

Data:

- SQL Server
- MongoDB
- MySQL
- LINQ
- D3.js

Analysis:

- numpy, pandas
- scikit-learn
- nltk, gensim, spaCy
- SyntaxNet
- Stata, SPSS

Admin:

- Linux
- Windows
- AWS
- Bash, PowerShell
- Git
- Docker

LANGUAGES

Russian (fluent)

Jason Perelshteyn

developer and data scientist passionate about solutions that seamlessly integrate creative software design and efficient analytical algorithms

EXPERIENCE

EPAM Systems, Newtown, PA – Data Scientist

MARCH 2016 - PRESENT

- Analyzing text in news articles to predict their effect on stock market (Python, Gensim, MySQL, MongoDB)
- Prototyping commercial Chatbot system (Python, SyntaxNet, spaCy, Java, AWS)

Metis Data Science Bootcamp, New York, NY – Junior Data Scientist

SEPTEMBER 2015 - DECEMBER 2015

- Immersive program building data science skills through project-based curriculum
- Wrote scripts using: pandas, numpy, scikit-learn, statsmodels, patsy, nltk, textblob, matplotlib, seaborn, selenium, beautifulsoup, SQL/NoSQL dbs
- Used regression analysis to measure effect of critical reviews on movie attendance
- Predicted criminality within longitudinal data set with logistic regression
- Used NLP sentiment analysis to visualize Twitter reactions to news
- Created an that uses NLP algorithm app to match recipes to music

Miles Technologies, Moorestown, NJ – Software Developer

MAY 2014 - SEPTEMBER 2015

- Developed and supported enterprise software for mid-sized businesses (ASP.NET)
- Programmed SQL Server (schemas, views, stored procedures, UDFs, jobs, reports)
- Coded VB/C# application layer (business objects, security, custom web controls)
- Developed front-end (HTML, validation, AJAX, responsive / user-friendly design)

Violations of Labor Laws Project, Cornell U. – Researcher

AUGUST 2008 - JUNE 2009

<http://www.unprotectedworkers.org>

- 2008 3-city survey that exposed systematic and routine violations of labor laws
- Wrote SPSS scripts to clean the data, create variables and run preliminary analysis
- Coded local, state and federal labor laws into triggers for measuring violation rates

Other experience available upon request

SERVICE

US Army Reserve, 416th Civil Affairs Bn, Norristown, PA – Sergeant (E-5)

1999 - 2005

- Veteran of the Iraq War (2004)

EDUCATION

Cornell University, Sociology Graduate Student (ABD)

2004- 2010

- Quantitative graduate coursework, research, teaching

Pennsylvania State University – Bachelor of Science in Sociology

1998 - 2003

- Math and Stats heavy curriculum; minored in Psychology and History