Jason Perelshteyn

experienced developer, creative data scientist from a social science research background with passion for big ideas and data-driven insights

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RELEVANT EXPERIENCE

Metis Data Science Bootcamp, New York, NY— *Data Scientist*

SEPTEMBER 2015 - DECEMBER 2015

- Immersive program building data science skills through project-based curriculum
- Acquired and cleaned data (scraping websites and consuming web APIs)
- Used machine learning tools to predict movie attendance, criminal behavior and to visualize Twitter reactions to news and describe the taste of recipes

Miles Technologies, Moorestown, NJ — *Software Developer*

MAY 2014 - SEPTEMBER 2015

- Rapidly developed enterprise systems for mid-sized businesses
- Supported a variety of old applications (from Classic ASP to C# MVC)
- Overhauled NRLCA's (National Rural Letter Carrier's Association) CRM and website
  - took initiative to work directly from scope of work and old code
  - created database design (schemas, views, FKs, stored procedures)
  - coded application layer (business rules, security, custom web controls)
  - developed front-end (validation, AJAX, responsive, user-friendly design)
  - developed and implemented code to migrate documents from SharePoint into custom file management system

PREVIOUS EXPERIENCE

Boatyard Grill / Ciao of Ithaca (restaurants), Ithaca, NY — *Prep Cook*

JUNE 2011 - MAY 2013

Student Agencies, Inc., Ithaca, NY — *Manager of TakeNote*

AUGUST 2010 - JUNE 2011

First-Year Writing Seminar, Cornell University — *Instructor*

SPRING 2010

RESEARCH

Broken Laws, Unprotected Workers — *Violations of Employment and Labor Laws in American Cities (www.unprotectedworkers.org)*

- 2008 worker survey that exposed systematic and routine violations of employment and labor laws
- supervised data cleaning team; wrote script to create variables for analysis; translated local, state and federal laws into triggers for measuring violation rates

EDUCATION

Pennsylvania State University — *B.S. Sociology*

Math and Stats heavy curriculum; minored in Psychology and History

SERVICE

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

Veteran of the Iraq War (Mosul, 2004)

SKILLS

Data management and analysis:
- SQL (Server, PostreSQL)
- MongoDB
- Python (pandas, sklearn, numpy)
- Amazon EC2
- Machine Learning (Regression, Classification algorithms, NLP)
- Stata, SPSS, SAS
- RESTful API (XML, JSON)

Web development:
- ASP.NET (IIS, Web Controls)
- Python (Flask)
- JavaScript (jQuery, AJAX, D3)
- CSS (Bootstrap)
- Telerik Web Controls
- Apache Server

Software development:
- VB, C#, Python, JavaScript
- GitHub
- Entity Framework (Linq)
- Object-Oriented design
- Development Life-Cycle

LANGUAGES

Russian (fluent)