Jerry Wohlgemuth

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Experience

StellaService   **New York NY**
Software Engineer   *2015–present*
Develop Ruby on Rails and Django web apps that deliver customer service metrics to enterprises

Media Thirst   **Washington, DC**
Director of Technology   *2014–2015*
Led team of five developers maintaining and improving Python applications
o Architect all web applications with a focus on velocity and scalability
o Develop Celery-based web crawlers deployed on virtual machines that dynamically increase based on the size of the RabbitMQ queue; port areas of application requiring concurrency to Golang
o Oversee optical character recognition development to recognize text within advertisements; leverage Alchemy API and other natural language processing techniques to extract meaning from the text
o Improve user experience through AngularJS feature implementation
o Managed automated deployments of web applications using Fabric
o Developed web application based on crawling and scraping large amounts of data from the Google Play Store

WMC Global   **Fairfax, VA**
Manager of Data Analytics   *2013–2014*
Managed team of three data analysts that supported current products and drove innovation
o Conducted interviews, on-boarded, and trained all new data analysts
o Maintained data warehouse and production ETLs that power production Java applications
o Oversaw organization-wide reporting deliverables and set up a Tableau server environment to enhance data visualization capabilities
o Furthered client relationships by providing on-demand technical consulting

WMC Global   **Fairfax, VA**
Senior Data Analyst   *2011–2013*
Expanded organization's analytics consulting and development capabilities, leading to creation of data analytics department
o Engineered credit score-like product to evaluate risk of current and potential third party billing partners on wireless carrier's networks
o Conceived and implemented fraud detection product, built using Pentaho Data Integration, to protect client's subscriber based
o Programmed R scripts to produce monthly and ad hoc client deliverables using ggplot2
o Liaised with client attorneys to provide ad hoc reporting requests to federal and state government bodies for top-tier wireless carrier

German Marshall Fund   **Washington, DC**
Program Intern   *2011–2011*
Interned for the Transatlantic Trends department, an annual public opinion survey
o Verified findings and edited publications for the Transatlantic Trends team
o Coordinated a launch event for a new survey of transatlantic leaders
o Co-authored a blog post on the 2011 uprisings in North Africa

Skills

Language: Python, Ruby, SQL, Javascript, R
Persistence: Postgres, MySQL, MongoDB, DynamoDB
Client Framework: EmberJS, AngularJS

ETL: Pentaho Data Integration, GoodData
Frameworks: Ruby on Rails, Django, Flask
Platforms: AWS Lambda, AWS API Gateway,

Education

James Madison University   **Florence, Italy**
MA   *2009–2010*
Political Science **4.0**/4.0

James Madison University   **Harrisonburg, VA**
BA   *2005–2009*
International Affairs **3.4**/4.0

Publications