Jerry Wohlgemuth

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Experience

StellaService   **New York NY**
Software Engineer   *2015–present*
Member of an agile development team focusing on TDD and paired programming
o Develop Rails app that serves thousands of customer service agents who solicit feedback from their customers
o Contribute to a Django app that delivers customer service metrics to retailers and Google
o Design AWS API Gateway/Lambda service to allow Zendesk, Desk.com and other CRMs to integrate with the core app
o Build a Django service to handle sending marketing emails as follow ups to solicitations sent through the Rails app
o Maintain separate EmberJS service that collects customer feedback

Media Thirst   **Washington, DC**
Director of Technology   *2014–2015*
Led team of five developers maintaining and improving Python applications
o Architected all web applications with a focus on velocity and scalability
o Developed 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 Oversaw 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 Improved 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 Programmed R scripts to produce monthly and adhoc client deliverables using ggplot2
o Maintained data warehouse and production ETLs that power production Java applications
o Oversaw organization-wide reporting deliverables and provisioned a Tableau server 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 in Python
o Conceived and implemented fraud detection product, built using Pentaho Data Integration, to protect client's subscriber base
o Liaised with client attorneys to provide ad hoc reporting requests to federal and state government bodies for top-tier wireless carrier

Skills

AWS: API Gateway, Lambda, DynamoDB, RDS, SQS, EMR, S3, CloudFront, ElastiCache, IAM

Language: Python, Ruby, SQL, Javascript, R   **ETL**: Pentaho Data Integration, GoodData

Persistence: Postgres, MySQL, MongoDB, DynamoDB   **Frameworks**: Ruby on Rails, Django, Flask

Client Framework: EmberJS, AngularJS   **CI**: AWS Lambda, AWS API Gateway,

Education

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

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

Publications

John A. Scherpereel, Jerry Wohlgemuth & Margaret Schmelzinger (2016): **The Adoption and Use of Twitter as a Representational Tool among Members of the European Parliament**, *European Politics and Society*, DOI: 10.1080/23745118.2016.1151125