

Jerry Wohlgemuth

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Experience

StellaService

Software Engineer

New York NY

2015–present

Member of an agile development team focusing on TDD and paired programming

- Develop Rails app that serves thousands of customer service agents who solicit feedback from their customers
- Contribute to a Django app that delivers customer service metrics to retailers and Google
- Design AWS API Gateway/Lambda service to allow Zendesk, Desk.com and other CRMs to integrate with the core app
- Build a Django service to handle sending marketing emails as follow ups to solicitations sent through the Rails app
- Maintain separate EmberJS service that collects customer feedback

Media Thirst

Director of Technology

Washington, DC

2014–2015

Led team of five developers maintaining and improving Python applications

- Architected all web applications with a focus on velocity and scalability
- 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
- 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
- Improved user experience through AngularJS feature implementation
- Managed automated deployments of web applications using Fabric
- Developed web application based on crawling and scraping large amounts of data from the Google Play Store

WMC Global

Manager of Data Analytics

Fairfax, VA

2013–2014

Managed team of three data analysts that supported current products and drove innovation

- Conducted interviews, on-boarded, and trained all new data analysts
- Programmed R scripts to produce monthly and adhoc client deliverables using ggplot2
- Maintained data warehouse and production ETLs that power production Java applications
- Oversaw organization-wide reporting deliverables and provisioned a Tableau server to enhance data visualization capabilities
- Furthered client relationships by providing on-demand technical consulting

WMC Global

Senior Data Analyst

Fairfax, VA

2011–2013

Expanded organization's analytics consulting and development capabilities, leading to creation of data analytics department

- Engineered credit score-like product to evaluate risk of current and potential third party billing partners on wireless carrier's networks in Python
- Conceived and implemented fraud detection product, built using Pentaho Data Integration, to protect client's subscriber base
- 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: CircleCI, Bamboo, Wercker

Education

James Madison University

MA Political Science 4.0/4.0

Florence, Italy

2009–2010

James Madison University

BA International Affairs 3.4/4.0

Harrisonburg, VA

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