

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 developer velocity
- Developed Celery-based web crawlers that detected and scraped 100k+ advertisements a day
- Oversaw optical character recognition development to recognize text within advertisements; leveragedAlchemy API
- Improved user experience by refactoring front-end to use AngularJS
- Managed automated deployments using Fabric
- Developed prototype application based on 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 and developed data products

- Provisioned and integrated Tabelau server into web applications
- Conducted interviews, on-boarded, and trained all new data analysts
- Developed R scripts to produce monthly and adhoc client deliverables
- Maintained data warehouse and production ETLs
- 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: Bamboo, CircleCI, Travis

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