

Jerry Wohlgemuth

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Experience

StellaService

Software Engineer

New York NY

2015–present

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

- Develop Rails app that serves thousands of customer service agents who solicit feedback from millions of their customers
- Create client dashboards using React with Chartjs and Elasticsearch
- Refactor Rails app away from Postgres to use Elasticsearch for faster reads and analytics
- Commit to a data return service written in Elixir and Phoenix
- Contribute to a Django app that delivers customer service metrics to Google and retailers
- Design AWS Lambda service, using Python's Flask framework, to allow client CRMs to integrate with app
- Compose a Django service that handles business logic around sending follow-up marketing emails
- Maintain Ember.js app that collects customer feedback
- Build workflow for managing multi-tenancy in an integration with GoodData

Media Thirst (Brand of WMC Global)

Director of Technology

Washington, DC

2014–2015

Led team of five developers maintaining and improving Python applications

- Developed Python-based web crawlers that detected and scraped hundreds of thousands of advertisements daily
- Oversaw optical character recognition development to recognize text within advertisements that leveraged Alchemy API
- Improved user experience by refactoring front-end to use AngularJS
- Managed devops workflow using Fabric for builds and deploys
- Developed prototype application based on scraping 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 RStudio workbooks 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
- 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: Lambda, API Gateway, Elasticsearch, DynamoDB, RDS, SQS, S3, CloudFront, ElastiCache, IAM

Language: Ruby, Python, Javascript, Elixir

ETL: GoodData, Pentaho Data Integration

Persistence: Postgres, MySQL, MongoDB

Frameworks: Ruby on Rails, Django, Flask

Javascript: Ember.js, React

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

John A. Scherpereel, Jerry Wohlgemuth & Audrey Lievens (in press): **Does Institutional Setting Affect Legislators' Use of Twitter?**, *Policy & Internet*