Zachary Smith

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🌐 https://github.com/ZacharyThomas

Experience

Yodle **New York**
Software Engineer *July 2015–Present*

- Created and presented talk/training on PostgreSQL to entire tech orginzation at Yodle.
- Spearheaded and completed upgrade of multiple client facing ElasticSearch clusters from v2.4 to v5.5 with zero downtime.
- Architected and implemented real time data pipeline to ingest customer's sales data. Used that data to get and display customer advertising return on investment metrics. Enriched that data and fed it into advertising bidding algorithm.
- Designed and implemented real time data pipeline to migrate data from Postgres and Hbase to Elasticsearch using Storm and Kafka with complete reliability.
- Implemented features and performance improvements in a Spring microservice which queries and transforms business analytics data for franchises with thousands of locations.

Temple University **Philadelphia**
Research Assistant *2014-2015*

- Maintained Django web app responsible for managing and administering students' laboratory assignments
- Developed algorithm in Python to determine the netlist of a circuit from a circuit simulator using computer vision.

Education

Academic Qualifications

Temple University **Philadelphia**
BS in Electrical Engineering, Cumulative GPA 3.61 *2011–2015*

Technical skills

- **Programming Languages:** Java, Python
  Familiarity with: Scala, Javascript, Go, Clojure.

- **Technologies/Concepts:** Storm, Kafka, Thrift Microservices, Mesos, Marthon, Docker, ETL, Ansible, data pipelines

- **Datastores:** PostgreSQL, Elasticsearch, Redis, Hbase, Zookeeper