LUCAS STEPHENS

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EDUCATION

The University of Texas at Austin   Bachelors of Business Administration, Finance   May 2018
Overall GPA: 3.5/4.0

TECHNICAL SKILLS

Languages: Python, SQL, Go, Kotlin, Bash, R
Technologies: AWS (Redshift, S3, Glue, Lambda), BigQuery, MongoDB, Postgres, Airflow, Kubernetes, Terraform, Kafka, Spark
Concepts: ETL, RDBMS & Normalization, Data Warehousing (Kimball), Microservices, Event Sourcing, CQRS, gRPC & Protobuf

EXPERIENCE

Bestow – *Senior Software Engineer;* Austin, TX   July 2019 – Present
- Built container-based pipeline from Postgres to BigQuery (~ 10GB) in 3 weeks to migrate from AWS to GCP, run via K8s
- Migrated Terraform mono-repo of company's entire infrastructure (> 5000 resources) to TF Cloud and upgraded to 0.12
- Stood up Cloud Composer & migrated all pipelines to Apache Airflow - provision own K8s, CI/CD, networking, and alerting
- Collaborated with stakeholders to architect Kimball dimensional model for policy & claim transactions & premium payments
- Built Kafka-based pipeline (Kotlin) to process Protocol Buffers of life insurance policies totaling ~ $12M annual coverage

Dosh – *Business Intelligence Developer;* Austin, TX   July 2018 – March 2019
- Built an ETL pipeline to Mailchimp using Bash & Matillion to pull > 10k user email opens & unsubscribes raw data daily
- Wrote MySQL stored procedures in production to create financial data products that recorded > $12M revenue annually
- Architected & built Redshift fact & dimension schemas for > $1B of transaction data, 100M clickstream events, & 3M users

Make-A-Wish America – *Finance & Accounting Intern;* Phoenix, AZ   June 2016 – August 2016
- Audited financial statements to solve for actual receivable, disbursement & accrual amounts, resulting in $206K of savings
- Developed an automated script using Access T-SQL & Excel to accurately match fuzzy strings to reconcile bank statements

McCombs School of Business – *Teaching Assistant;* Austin, TX   January 2016 – May 2018
- *MIS 325 Database Management:* students learn SQL (DDL, DML, DCL, & PL/SQL), Oracle ERP, and relational database design
- *MIS 301 Intro to IT Management:* introductory class for MIS major, covering all conceptual aspects of enterprise technology

PROJECTS

Github:
- *Localflow* – Template repository for an Airflow codebase: https://github.com/soggycactus/Localflow
- *BigQuery Terraform Module* - https://github.com/soggycactus/terraform-google-bigquery-dataset
- *GCP KMS Terraform Module* - https://github.com/soggycactus/terraform-google-kms-keyring

Personal:
- *shinyTracker* **–** Time-Series Dashboard for stock prices & returns (https://lstephens.shinyapps.io/tracker/)

INTERESTS

Dancing – Studied Hip-Hop & House Dance under Millie Heckler, who studied under the legend Rennie Harris
Running – 1st overall at 2018 USA FIT Rockin' Resolution 5K, anything longer than a 10K is torture
Music – SXSW is my favorite time of year. Current throwback I'm bumping: *Lose Control – Missy Elliott*