

Rory S. Langran
12909 W. Pontebella Dr., Peoria, AZ 85383
(623) 308-1880 / E-mail: rslangran@gmail.com

WORK EXPERIENCE

July 2017 – Present, American Express Company Inc., Phoenix, AZ

Program Manager, American Express Technologies (AET) – Cloud Engineering

- Develop, test, deploy, and maintain 75 customized Python and SQL automation processes to execute the monthly expense charges (chargeback) for Cloud Engineering, which total approx. \$17M. The automation processes collectively have saved the organization the equivalent of 1.5 full time employees (250 hours per month).
- Developed over 250 individual Python scripts to automate the extraction, transforming, and loading of 40 separate data feeds, to include .csv, .xlsx, txt / JSON formats and screen scraping – Python scripts are executed on a weekly and monthly basis to create fully transformed data loaded to over 100 different database tables for reporting and visualization data feeds
- Develop and deploy capacity and metrics reports and visualizations for Cloud product offerings using Tableau Desktop and Tableau Server. Tableau reports are distributed weekly to senior leaders to provide relevant and timely reports with full drill-down capability for additional ad-hoc data analysis.
- Database and data automation developer for internal, web-based reporting portal for Cloud Engineering (Enterprise Cloud Reporting Utility-ECRU). Developed end-to-end automation for Extract, Transform, and Load (ETL) processes of raw and unstructured source data to fully mapped, consistent, and structured data for development, testing, and production databases and servers. ECRU provides over 100K monthly metrics, metadata, and internal financial charge information on-demand to over 2,000 employees in the organization.

March 2014 – July 2017, American Express Company Inc., Phoenix, AZ

Manager, Finance, American Express Technologies (AET) Finance

- Provided end-to-end Software Capitalization (SW Cap) reporting and analysis for the AET development portfolio annually generating over \$1BM in SW Cap benefits and over \$700M in amortization expenses
- Developed and implemented a customized monthly Visual Basic reporting automation program that combines over 100K lines of data from three separate reports into a single comprehensive file to provide previously unavailable detailed-level SW Cap reporting. Reporting file provides greater transparency of data and significantly enhances the analytics capability of the SW Cap team.

October 2012 – March 2014, American Express Company Inc., Phoenix, AZ

Program Manager and Developer, Global Segment Management Reporting

- Designed, created, tested, and deployed an end to end, Excel-based desktop automation program to extract and consolidate daily and monthly statistical data for all American Express Billed Business and Cards in Force reporting. The daily automation manages 221 individual text files on a daily and basis and converts, formats, maps, and consolidates the data into Flat File submissions for the Statistics Essbase Cube. The automation process creates approx. 520k statistical records monthly for Essbase and has generated a savings of over 5,000 hours annually compared to previous manual processes and reduced the error rate by almost 100%.

February 2007 – October 2012, American Express Company Inc., Phoenix, AZ

Manager, Finance, Global Business Services Finance

- Created advanced financial models to validate reengineering initiatives valued at almost \$16M within a 12-month period. These advanced models expanded the scope of variables to include fully loaded S&B costs, refined estimates on vendor savings, and incorporating technology development and infrastructure costs.
- Developed and taught 27 advanced Excel and Visual Basic Application (VBA) internal training sessions in 2-hour increments to over 500 employees in 2011 and 2012, investing 90 hours of personal time toward further mentoring and skill development for American Express employees.

- Validated annual reengineering savings of \$500M through advanced Excel modeling, Visual Basic automation, and data mining. Increased efficiency by over 50% and improved accuracy of validation process through automated tools to process and organize data into standard reporting templates.

October 2005 – February 2007, Allied Waste Industries, Phoenix, AZ
Senior Financial Analyst, Financial Analysis and Planning

- Developed and enhanced an automated regional performance tool used to provide executives with a more consistent and accurate view of operating results for a region monthly. Report used extensive VBA programming to provide the ability to download up to 1.5M data points to populate 40 different schedules and improved the time to produce the report from 5 days to 1 day for 36 districts and 5 regions.

June 2000 – October 2005, Sabre Holdings Inc., Southlake, TX
Senior Financial Analyst, Sabre Travel Network

- Provided profitability analyses for over 100 global and premier travel agency contracts in North America. Accounts collectively produced over 25% of annual company revenue (\$500M). Close collaboration with over 100 sales account directors to model accurate and detailed contract terms in the financial model, analyze P&L impacts due to new contracts, refine and maintain an advanced financial modeling engine in Excel, and monitor and adjust computer and printer pricing for all North American travel agencies.
- Created an advanced Excel modeling tool with extensive VBA programming to automate contracts with travel agencies used by over 300 sales managers in the North American region which processed over 500 contracts annually, representing over 50M bookings.

EDUCATION

University of Texas, Austin, TX

Graduate Certificate in Data Analytics

Southern Methodist University, Dallas, TX

Cox School of Business, Master of Business Administration (Full Time Program)

United States Army War College, Carlisle, PA

Master of Strategic Studies

University of Texas, Arlington, TX

Bachelor of Arts in History and Russian Studies

MILITARY EXPERIENCE

1987 – 2021, Colonel, United States Marine Corps Retired

Combat Engineer Officer and Artillery Officer

Participated and led four separate combat deployments to Iraq and Somalia in 1992, 2004, 2007, and 2009

- Led 700 personnel during operations in Iraq from 2009 to 2010. Oversaw all aviation ground support operations across a 250-mile radius in Western Iraq with six separate support teams. Successfully inventoried, maintained, and collected over 23,000 individual pieces of equipment and vehicles, worth over \$130M within 60 days from across Iraq for return to the United States.

ADDITIONAL SKILLS & INFORMATION

SAFe 5 Lean Portfolio Manager

Python 3.x Programming for Data ETL and Analytics – Pandas and NumPy

R ver 3.6 Machine Learning and Predictive Analytics

PostgreSQL SQL and Database Management

Tableau Desktop Fundamentals, Intermediate, and Visual Analytics

Tableau Prep and Alteryx Designer and Developer

Programming Visual Basic for Applications in Excel and Access

Oracle GL and Oracle Business Intelligence Applications