

## SUMMARY

Currently involved in working with Flask & Python for web-development of single page apps, tools automation & personal growth. I've created KPI systems & processes across multiple channels. My [GitHub](#) portfolio will show demonstrated use of database creation & maintenance, API usage & strong analytical skills.

## TECHNICAL SKILLS

Languages: Python, Flask\*, JavaScript, SQL

Databases: MySQL, Pentaho & MS Access

Other Skills: Excel\*, Process Development\*, KPI Creation, CRM Management, Outsource Management & Training, Critical Path Analysis, HTML, SLA Management, Strategic team development

*\*denotes expert level*

## PROFESSIONAL EXPERIENCE

- Marketing Finance Analyst** **Google Inc. - Akorbi. Mountain View CA** **05/2016 - current**
- Wrote Python & SQL scripts to automate sales revenues recognized populating multiple dashboards.
  - Updated outdated SQL to be more efficient including table creation with automated process controls.
  - Investigated discrepancies from multiple teams on expected vs actual revenue.
- SMB Revenue Insights Analyst** **Google Inc. - Akorbi. Mountain View CA** **10/2015 - 03/2016**
- Wrote Python & SQL scripts to automate sales book creation & assignments for the sales teams.
  - Updated outdated SQL to be used with Python scripts for process automation for the SMB sales team.
  - Created utility scripts for use with multiple processes to assure ease of maintenance.
- Sales Renewals Operations Analyst** **Good Inc. - Zealtech. Sunnyvale, CA** **06/2014 - 06/2015**
- Reviewed quotes for accuracy & completeness ensuring all fees including reactivation fees were included.
  - Worked with Sr. Manager to develop & test online worksheets to streamline renewals sales process; including billing.
  - Creation of python reporting scripts, SFDC dashboards & Excel KPI automation.
- Analyst** **Pronq by Hewlett-Packard – KForce Inc.** **10/2013 – 06/2014**
- Informed sales teams managers of upcoming renewals & license issues
  - End to end process creation & maintenance from white boarding, analytics, implementation, managing changes for improvement & escalation flow.
  - Created key metric reports used by all levels of staff including VP's & Director of Strategy.

## PROJECTS

- APA Billiards Scoring System** [https://github.com/mnickey/apa\\_8ball\\_keeper](https://github.com/mnickey/apa_8ball_keeper) **Current**
- Moving paper based tracking to online solution
  - Creating PostgreSQL database to keep records including schema
  - Creating web-based solution using SQL to pull data on demand
- Neighborhood Map Analysis** [https://github.com/mnickey/DAND\\_Openstreetmap](https://github.com/mnickey/DAND_Openstreetmap) **09/2016**
- Parsed XML to create CSV for analysis
  - Discovered anomalies for programmatic cleansing
  - Created schema & used SQL to identify table relationships
- Titanic Survivor Analysis** [https://github.com/mnickey/Titanic\\_dataset](https://github.com/mnickey/Titanic_dataset) **07/2016**
- Discover variables that increased chances of surviving the Titanic shipwreck.
  - Data cleansing to assure data quality
  - Statistical analysis module usage to plot survivability

## EDUCATION

- University of San Francisco** – Bachelors of Science in Management of Information Systems **12/2010**
- University of California, Santa Cruz** – Certification: Computer Programming **09/2014**
- Udacity Data Analyst Nanodegree** - SQL, python, R. A/B Testing **In progress**
- Thinkful** - Various python modules, API's, OAuth, SQL & Postgresql, SQLAlchemy **04/2015**
- Udacity Full Stack Nanodegree** - Flask, SQLAlchemy & Python, CSS, HTML **12/2015**
- Thinkful** – Front End Web Development, JavaScript, API, AJAX, JQuery, CSS, HTML **01/2017**