

JAMES P. EMERY

Python Developer

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SUMMARY

A motivated Python Developer with 6+ years finance and operations experience. Dedicated to leveraging my technical understanding of company operations to bring software to life.

TECHNICAL SKILLS

Power BI, React, Node, Angular, Git, Python, MongoDB, SQL, noSQL, As400, HTML, Javascript, JQuery, JSON, Ajax, Jupyter, Pandas, Matplotlib, GGY AXIS, Sybase, Snowflake, Conda

PROJECTS

Who Should Get it?

A webapp to allow users to submit who they believe should receive a Covid-19 Vaccine first and view the global rankings / results

- Built over a month
- Built using, React, Firebase Hosting, Cloud Firestore

Data Visualizations and Projects

Covid Data Visualization - [\[PROJECT LINK\]](#) – AWS, Python, Pandas, Matplotlib, Jupyter notebook,

Stock Forecasting – [\[PROJECT LINK\]](#) – AWS, Python, Numpy, Pandas, sklearn, Jupyter notebook,

News Sentiment Analysis on Stock Tickers – [\[PROJECT LINK\]](#) – BeautifulSoup, Python, Matplotlib

EXPERIENCE

Business Intelligence Analyst (Python Developer)

Houston, TX

Corebridge Financial (formerly AIG)

Nov. 2021 – Present

- Streamlined and enhanced data processing and analytical efforts of actuaries in training.
- Owned actuarial SDLC and ensuring efficient, maintainable, and scalable code
- Lead transformation activities to transition actuaries from dependency on GGY AXIS to Snowflake for compute cost savings and data science methods.
- Adapted ad hoc actuarial studies to be repeatable and efficient for the long term.
- Validated experience study data across all data splits with thresholds for business acceptance.
- Maintained conda environments and evaluated new libraries for inclusion into production.

Operations Analyst

Houston, TX

ManhattanLife Insurance Company

Jan. 2018 – Nov. 2021

- Evaluated existing business processes with stakeholders
- Prepared KPI's for management presentations on a regular and ad hoc basis.
- Estimated capacity concerns for current and acquired blocks of business.
- Lead initiatives to merge processes with Acquired blocks of business with respect to Letter head standards, legal language standards, and claims process standards.
- Lead process improvement initiatives with IT on multiple pieces of software that would be used by over 250 staff members
- Participated in Agile scrum ceremonies, backlog refinement and writing acceptance criteria.
- Generated reports for internal stakeholders and external third parties on a weekly basis using SQL ,WebQuery and As400
- Manage third party relationships around implementations, process, and invoicing.

- Built and Maintained Benefit Tables for legacy and Marketed Products
- Lead Forecasting initiatives around Claims Documents and Call Volumes with an average monthly accuracy of 90%

Solar Energy Specialist

Simplify Solar

Houston, TX
Jul. 2017 – Jan 2018

- Responsible for selling contracts of an average size of \$20,000 dollars.
- Evaluated homeowners credit worthiness related to a residential solar system.
- Onboard Roofing companies to our platform to help them sell solar through their company.

Revenue Data Entry

Haymaker Minerals and Royalties

Houston, TX
Mar. 2017 – May 2017

- Reviewed incoming Oil and Gas revenue and entered data into excel templates.
- Used Macros to automate data entry when available.
- Followed standards with regard to internal SQL guidelines to make sure the data was clean.

Valuation Analyst/ Business Appraiser

Pilot Valuation

Houston, TX
Aug. 2016 - Oct. 2016

- Generated income analysis using capitalization of earnings and discounted cash flow methods.
- Created forecasts based on past financials.
- Created market analysis by using business multiples.

EDUCATION

Lambda School Academy of Computer Science and Web Development

Full Stack Web Development Track (60 Weeks)

Houston, TX
Graduation Aug 2019

- Lambda is a Computer Science & Software Engineering Academy that provides immersive hands-on curriculum with a focus on computer science, software engineering, and web development.
- Learned within an agile software development setting using weekly sprints and milestone reviews every two weeks.
- Completed all course work including: React, React Native, Redux, Node, Express, MongoDB, Jest, and Python.

Oklahoma State University

Bachelor of Science in Finance, Minor in Economics

Stillwater, OK
Graduated 2014