Marco E. Hemken

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Highlighted Skills

Data Science: Python with Jupyter Notebooks to load, wrangle and analyze data. I can incorporate formal statistical methods in analysis. I can effectively communicate findings visually and in writing.

Web Development: I can build basic web front ends with Python using Django or Flask. I am also proficient at building customized backends on AWS using Ubuntu, Ansible and Terraform. Most recently I built the website for The Lagonian, a source for local news in the San Francisco Bay Area.

Employment

UCLA External Affairs, *Information Analyst*   Sep 2017 - Present

- Used Python to conduct basic statistical analysis on company data.
- Used Python to automate data wrangling processes previously done manually in excel.
- Used Tableau to recreate business critical reports used by frontline fundraising staff.

In this role I've been asked to explore ways in which the team can begin delivering analysis backed by statistical methods. Existing tooling facilitated delivery of clean data, while superiors have asked that we deliver analysis and insight. I was brought on the team to share my technical expertise and further drive adoption of statistical methods. Thus far I've introduced Python and Jupyter Notebooks as tools to improve data wrangling processes.

UCLA External Affairs, *Liaison*   Feb 2015 - Sep 2017

- Proposed and built a live prototype to improve a business process for submitting Data Processing Requests to the Information Services team.
- Led an effort to incorporate an internal tool for self-service data gathering.
- Trained new and existing staff on how to use Blackbaud CRM for fundraising purposes.

Responsibilities included training frontline fundraising staff on Blackbaud CRM and conducting recurring training. Was also responsible for handling data requests and facilitating projects with Research and Analytics teams.

Academics

UCLA, *BA Sociology*   2008 - 2014