Emerson Goncus

Data Scientist

Pittsburgh, PA
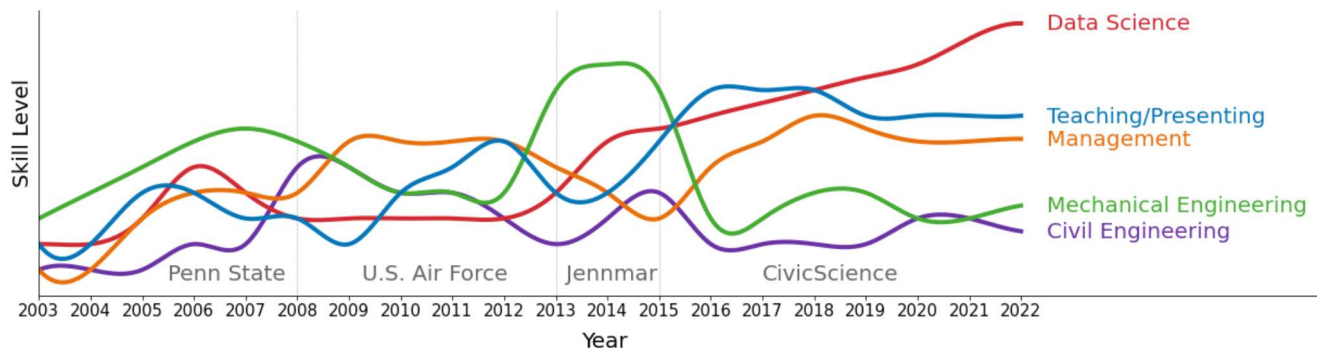goncus@gmail.com
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Summary

Adept researcher with over seven years of experience at a market research company. Work includes interfacing with clients, building and automating reports and statistical models, training new hires, and contributing to company-wide strategic decisions. Eclectic background also includes civil and mechanical engineering, military training, and teaching.

Looking to contribute data storytelling skills to meaningful causes, products, and/or services.

Skills Timeline

A visual overview of time spent learning/using professional skills:

Work Experience

CivicScience
- Data Scientist
- Research Manager
- Data Analyst

Started as hybrid data analyst and account management using proprietary data collection and analysis platform. After becoming the foremost expert of the platform, went on to head a team team of data analysts and was responsible for accuracy and timeliness of all client deliverables.

Familiarity with backend infrastructure led to creating several internal products to automate repetitive analyst tasks and unlock capabilities that were pragmatically impossible to implement by hand. Also handled off-menu requests such as clustering based on geographic and psychographic information with associated visuals to neatly make sense of the output.

These and other successful products led to developing new software and handling custom client requests full-time. The capstone to-date has been an R package that supervisor hailed as"the" next evolution of how CivicScience delivers insights." The package has been the backbone of a new product called "The 360 Report" which is generating substantial industry interest.

Jennmar
- Mechanical Engineer

Learned nuances of mining industry while gaining experience desigiing, prototyping and testing. Reverse-engineered/improved a popular product which halved its in-field setup time.

United States Air Force
- Asst. Prof. of Aerospace Studies
- Environmental Management
- Construction Estimates

Studied fundamentals of Civil Engineering, Asset Management, and Environmental Compliance. Became the Officer in Charge of a team of Airmen deployed to Oman.

R.O.T.C instructor at Bowling Green State University in Ohio. Directly in charge of welfare & training of 75 cadets at "boot camp," ranked 2/18 officers.

Education

Penn State University
- B.S. Mechanical Engineering
- Minor - Engineering Mechanics
- Minor - Military Studies

Résumé programmed in Python with Jupyter Notebooks. Open the QR or visit:

https://github.com/itllbefine/resume

Languages/Programs

(Size denotes relative level of skill.)