ROSE GOGLIOTTI

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Holds active Federal Q Security Clearance

SUMMARY

Client-facing analytical consultant with more than a decade of experience. Results oriented leader with an independent work ethic as demonstrated by over 9 years of remote work including 6 years while managing a multidisciplinary team of scientists, 2 years of which while simultaneously pursuing a master's degree. Skilled at building client relationships and communicating complex projects to non-technical audiences.

SELECT SKILLS

Coding Languages: R (Preferred), Python, SQL, VBA, Cypher

Data Visualization Tools: ggplot2, Tableau, R Shiny, Leaflet, Neo4j, Excel

PROFESSIONAL EXPERIENCE

2015-Present   **SC&A, INC.:** *Health Physics Consultant/ Project Manager* to a Federal Advisory Board

- Managed a multidisciplinary team team producing 50– *70* client deliverables annually
- Modeled occupational exposures and calculated the probability that cancers were occupationally induced using historical data, scientific literature, interviews, and claimant medical and employment records
- Identified and visualized trends in findings and suggested corrective actions to prevent reoccurrence

2010-2015   **SC&A, INC.:** *Health Physics Consultant/Analyst*

- Used data and analytic methods to help clients interpret data and make informed decisions
- Reviewed calculation documentation to assess adequacy and accuracy of proposed solutions
- Modeled environmental release scenarios for risk analysis and licensing applications
- Instructed training courses on the use of technical equipment and interpretation of results

2009   **ELI LILLY AND COMPANY**: *Corporate Health Physics Intern*

- Conducted internal audits to ensure laboratories operated in compliance with federal and state regulations
- Launched a database for tracking approved radioactive materials users and laboratories

EDUCATION

2019   **UNIVERSITY OF NOTRE DAME**
       M.S. Applied and Computation Mathematics and Statistics with Data Science Specialization, 4.00/4.00 GPA

2000   **PURDUE UNIVERSITY**
       B.S Radiological Health Physics with Political Sciences Minor, 3.65/4.00 GPA

VOLUNTEER EXPERIENCE

2020-Present   **Tufts Applied Cognition Laboratory:** *Data Science Consultant (Pro bono)*

2017-2021   **Purdue Alumni Club of Greater Boston:** *President*