

Cindy Reiner

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No Sponsorship Required

SUMMARY

Data Scientist combining 8+ years of quantitative analysis and research expertise with 4 years of machine learning implementation. Specialized in NLP, cloud-based AI systems, and cross-functional technical leadership.

Ph.D.-trained researcher with proven ability to translate complex business challenges into data solutions. Track record of delivering measurable impact across government, startup, and research environments, with experience in system development, building client relationships and developing machine learning models.

SELECTED EXPERIENCE

Booz Allen Hamilton

2022 – 2025

Senior Consultant, Data Science

Responsibilities:

- Delivered AI/ML implementations for 3 federal contracts and a nonprofit organization.
- Conducted stakeholder interviews to identify AI automation opportunities and gather requirements.
- Designed and implemented data processing pipelines for disparate datasets, enabling cross-departmental analysis and improving data interoperability.
- Collaborated with SMEs to develop a classification model for a specialized document search system, iteratively improving model performance through expert feedback and sampling optimization.
- Implemented prompt engineering pipeline to generate pandasAI code for automated visualizations in RAG-based AI assistant using LLaMA model for contract analysis tasks.

Key Achievements:

- Developed a topic modeling tool that reduced literature review time by 4-6 hours, leading to approval for continued AI capabilities.
- Reduced manual dataset integration time to automated processing, enabling cross-agency analysis of government agencies and subagencies.
- Deployed classification system to production, serving analysts and personnel while also building a separate regex component for PII detection in classified documents.
- Built proof-of-concept chatbot interface on AWS (EC2/S3) enabling automated contract analysis and data visualization for business development teams.

Flatiron School

2020 – 2021

Student at Data Science Bootcamp

- Completed five projects with clear business objectives, involving cleaning, analysis and visualization of datasets, machine learning modeling, and the creation of five-minute non-technical presentations.

Key Achievements:

- Delivered capstone project of a supervised classification algorithm to predict whether potential drug candidates would inhibit MMP9, a protein involved in cancer metastasis, achieving 84% accuracy. Used the ChEMBL database and PaDEL to create dataset and stacked Random Forest, SVC and KNeighbors classifiers.

Jovial

2018 – 2020

School Success Advocate (1st employee)

- Led technical support operations for SaaS education platform, managing technical operations and stakeholder relationships for 200+ client organizations.
- Developed customer success strategies and technical documentation, ensuring smooth software adoption and high client satisfaction rates.
- Implemented JIRA ticketing system to facilitate communications between tech support and developers.
- Provided software demos and onboarding for new clients.

Key Achievements:

- Contributed to doubling client base and achieving company profitability.
- Grew customer newsletter from 0 to 1,000+ subscribers, increasing engagement and retention rates.

University of Washington

2008 – 2010

Postdoctoral Fellow

- Led independent research program investigating protein-protein interactions and cellular signaling pathways, managing experimental design, execution and analysis for multiple concurrent projects.

Key Achievements:

- Published 2 first-author peer-reviewed papers and a text book chapter.
- Developed protein complex isolation protocol, which identified novel RACK1-M2 receptor interaction.
- Mentored graduate, undergraduate and high school students in research projects.

OTHER PROFESSIONAL EXPERIENCE

American Journal Experts Contract Scientific Editor

Queen Anne Cooperative Treasurer

EDUCATION & CERTIFICATIONS

University of Washington Ph.D., Pharmacology

University of Minnesota B.S., Biochemistry (Classics minor)

Flatiron School Data Science Certificate

KEY SKILLS & TOOLS

Skills: Machine Learning, Natural Language Processing, Statistical Modeling, Experimental Design, Data Analysis, Data Cleaning & Transformation, Data Pipeline Development, Cross-functional Leadership, Stakeholder Management, Technical Writing & Editing, Grant Writing, Research Methodology, Presentations

Tools: Python, SQL, Pandas, NumPy, Keras, TensorFlow, AWS (EC2, S3, WorkSpaces, Comprehend), Google Cloud (Vertex AI, Cloud Engine), Git, Vim, Linux, Docker, LangChain, Jupyter Notebook, VSCode, JIRA