

Jeanne Reppert

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OBJECTIVE

Accomplished professional, effective communicator, team player, and lifelong learner seeking to leverage my strong problem-solving skills to start a new career as an entry level bioinformatics programmer.

EDUCATION

University of North Carolina, Greensboro

Master of Science in Informatics and Analytics
August 2019 – May 2021 | GPA: 4.0

Westminster Theological Seminary, Philadelphia

Master of Arts in Religion
August 1990 – May 1994 | GPA: 3.6

North Carolina A&T University, Greensboro

Post Baccalaureate Studies in Elementary Education
August 2004 – December 2005 | GPA: 4.0

University of North Carolina, Chapel Hill

Bachelor of Arts in Music and Religious Studies
August 1984 – May 1988 | GPA: 3.04

RELEVANT COURSEWORK

- Descriptive and predictive analytics using logistic and linear regressions, decision trees, random forest, market basket analysis, k-means clustering, neural networks, and sentiment analysis
- Visual analytics – data visualizations with Plotly, Seaborn, ggplot2, and Shiny Dashboard
- Statistical programming in R – univariate and multivariate analysis, functions and loops, data manipulation, and simulations
- Machine learning and analytics in Python utilizing Pandas, NumPy, Seaborn, scikit-learn, and PySpark packages
- Cognitive computing – Corvid and IBM Watson software
- Databases – entity relationship modeling, querying using relational algebra with SQL
- Text and social media analytics – web scraping, data cleansing, analysis, natural language processing, and visualization with R, CrowdTangle and MassMine

SKILLS

- Programming in R, Python, PySpark, and some SAS programming basics
- Conversant in SAS Enterprise Miner and Enterprise Guide
- Familiar with visual analytics platforms such as SAS Visual Analytics, Power BI, and Tableau,
- Strong team leadership, project management, and communication skills
- Web page development and maintenance
- Strong policy and curriculum development skills

EXPERIENCE

Graduate Assistant, UNCG, Informatics and Data Analytics Program | Greensboro, NC

August 2019 – May 2021

- Assisted in research in social media and web page analytics
- Scraped, cleaned, analyzed, and visualized data for projects and publications
- Participated in a research group investigating Covid-19 misinformation using case studies and machine learning applications
- Assisted with program development, outreach, and website maintenance

Academic Dean, Hope Academy | Greensboro, NC

August 2012 – August 2019

- Served as 5th – 8th grade Humanities teacher and curriculum facilitator
- Held position of Academic Dean in final year
- Tracked, reported, and created visualizations of student performance data
- Trained, mentored, and supervised teaching staff
- Developed and implemented organizational policies
- Designed and implemented curriculum for 5th – 8th grade core and elective classes
- Selected and supervised assessments in all grades and subjects

Challenge B Director, Classical Conversations | Jamestown, NC**August 2009 – May 2012**

- Taught Logic, Latin, Literature, Science, Debate, Mock Trial, and Algebra to 8th grade homeschool students
- Managed all aspects of business processes and student recruitment

Essentials Program Director, Classical Conversations | Jamestown, NC**August 2008 – May 2009**

- Taught English grammar and writing to 4th graders
- Managed all aspects of business processes and student recruitment

Substitute Teacher, Classical Conversations | Jamestown, NC**August 2007 – May 2008****Teacher, Jones Elementary | Greensboro, NC****December 2005 – June 2006**

- Served as interim 4th grade English teacher

Private Music Instructor | Greensboro, NC**August 1999 – 2011**

- Self-employed piano and violin teacher
- Managed all aspects of business processes and student recruitment

Assistant Manager, Westminster Seminary Bookstore | Philadelphia, PA**August 1990 – August 1995**

- Supervised employees
- Responsible for all inventory purchases
- Developed database program for store inventory and sales
- Developed and maintained web page
- Developed and maintained store catalog

Clerk, UNC Hospitals | Chapel Hill, NC**June 1989 – August 1990**

- Provided clerical support for Physical and Occupational Therapy departments
- Assisted with preparations for JCAHO certification
- Represented department during insurance audits
- Maintained department database for patient billing

Clerk, UNC Hospitals | Chapel Hill, NC**June 1988 – June 1989**

- Admissions clerk for Emergency Department

VOLUNTEER WORK**Board Member, Hope Academy | Greensboro, NC****August 2019 – Present****Board Member, Early College at Guilford PTA | Greensboro, NC****August 2010 – May 2013**

- Served as PTA President for 2012/2013 school year

Board Member, Early College Robotics Team | Greensboro, NC**August 2012 – May 2013****MathCounts Coach, Guilford Home Educators | Greensboro, NC****August 2008 – May 2011**

- Participated in regional and state level competitions for four years

Coordinator, Piedmont Regional Science Fair for Non-Public Schools | Greensboro, NC**August 2009 – May 2012**

- Supervised and coordinated annual science fair for an 11-county region

Board Member, Ayuda Community Center | Philadelphia, PA**August 1992 – May 1995**

- Founding member of the Board of Directors
- GED teacher
- Youth chorus leader
- Supervised college and high school interns