Nathan Temple

Los Angeles, CA

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**Education**

*Master of Science in Computer Science* (in progress), 3.8 GPA, 2019 – present (anticipated Spring 2024) University of Texas at Austin

Thesis (in progress): Program Verification and Refactoring in Answer Set Programming.

*Master of Science in Mathematics*, 3.9 GPA, 1997-1999

Florida Atlantic University, Boca Raton, FL

Thesis: Test Spaces, a combinatorial investigation of structures modeling the process of scientific inquiry.

*Bachelor of Arts in Psychology*, *Minor in Computer Science*

State University of New York at Buffalo, 1990-1995

**Work experience**

Data Analytics Consultant, 2006 – present

Kaiser Permanente, Pasadena, CA

Data Analytics in Python/SAS/SQL/Azure

**Skills**

Python, Java, C, Oracle, SAS, SQL, Pytorch.

**Courses completed at UT Austin**:

Deep Learning

Reinforcement Learning

Machine Learning

Advanced Linear Algebra for Computation

Automated Logical Reasoning

Knowledge Representation and Reasoning (Arizona State University)

Natural Language Processing

Structure and Implementation of Modern Programming Languages

Planning, Search and Reasoning Under Uncertainty (planned Summer 2024)

Thesis – ‘Program Verification and Refactoring in Answer Set Programming’

**Publications**

Conference Paper - External Behavior of a Logic Program and Verification of Refactoring - International Conference on Logic Programming 2023 (<https://arxiv.org/abs/2305.17485>)

Journal Paper - Locally Tight Programs – Theory and Practice of Logic Programming (<https://arxiv.org/abs/2204.10789>) December 2023

**Personal interests**

I am interested in Computer Science, Logic, Foundations of Mathematics and Philosophy. I would like to conduct a research project Mathematical Logic in Computer Science.