

Rinaldo Gagiano

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[LinkedIn](#) • [GitHub](#) • [Publications](#)

Professional Summary

As a current PhD candidate specializing in Natural Language Processing, I possess an analytical and curious mindset with a deep love for learning. Passion for coding with a proficiency in various programming languages. A diverse perspective shaped by my experiences living in four different countries. Familiar with gathering, cleaning, and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic, and other analytical techniques. Highly organized, motivated, and diligent.

Education

Royal Melbourne University of Technology (RMIT) PhD Candidate: Computer Science – Natural Language Processing	Melbourne, VIC 2023-Present
Royal Melbourne University of Technology (RMIT) Master of Data Science: GPA 3.9/4.0	Melbourne, VIC 2020 – 2022
McPherson College Bachelor of Science in Mathematics: GPA 3.8/4.0	Kansas, U.S.A 2016 – 2020

Experience

AUSTRALIAN DEFENCE SCIENCE & TECHNOLOGY GROUP (DSTG) Researcher <ul style="list-style-type: none">Investigate natural language generation, detection components and visualisations for various text genre, stylistics, domains in a multilingual settingDevelop datasets and text classification modelsExperiment and performance evaluation and documentation for project handoff	Adelaide, SA 2022 - 2023
AUSTRALIAN DEFENCE SCIENCE & TECHNOLOGY GROUP (DSTG) Graduate Industry Placement – Data Researcher <ul style="list-style-type: none">Lead role in Disinformation Modelling Project in the robustness assessment of large language modelsDeveloped API to showcase NLP projectAssisting contributor on defence-based image classification project	Adelaide, SA 2021 - 2022
SCRIBO BY LITERATU Junior Data Scientist <ul style="list-style-type: none">Prototype and development of a series of pilot projects dealing with text processing, and auto text gradingConstruction of a language modelling AI to deal with student answering formats and auto gradingEstablishment of text-processing API for integration into an existing educational platform frameworkVisualisations of large datasets to help indicate KPIs for client schools	Sydney, NSW 2020 - 2021

Publications

Ancestral Colorings of Perfect Binary Trees With Applications in Private Retrieval of Merkle Proofs Quang Cao, Rinaldo Gagiano, Duy Huynh, Xun Yi, Son Hoang Dau, Phuc Lu Le, Quang-Hung Luu, Emanuele Viterbo, Yu-Chih Huang, Jingge Zhu, Mohammad M Jalalzai, Chen Feng https://doi.org/10.48550/arXiv.2205.05211	2022
Robustness analysis of Grover for machine-generated news detection Rinaldo Gagiano, Maria Myung-Hee Kim, Xiuzhen Jenny Zhang, Jennifer Biggs https://aclanthology.org/2021.alta-1.12	2021

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Skills

- Machine Learning
 - Python
 - Research Skills
 - Mathematics
 - Natural Language Processing
 - Entrepreneurship
 - Data Analysis
 - Analytical Skills
 - Computer Science
 - Big Data
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Honours & Rewards

Homecoming King

McPherson College Faculty, Staff, and Students

2020

CoSIDA Academic All-District

CoSIDA

2019- 2020

The 2019 Academic All-District Football and Volleyball Teams, selected CoSIDA, recognise the nation's top student-athletes for their combined performances on the field and in the classroom. The CoSIDA Academic All-America program separately recognises football and volleyball honourees in four divisions - NCAA Division I, NCAA Division II, NCAA Division III, and NAIA.

Scholar Athlete

President of McPherson College

2017 – 2020

Honour Society

Gamma Beta Alpha

2017 – 2020

Certifications

PH125.8x: Data Science: Machine Learning

An Online Learning Initiative by Harvard University through edX
Credential ID: 517df5910fd84951a1def9d953757018

2020

Blockchain Basics

LinkedIn

2020

Data Analysis Using Python

IBM

2020

Predict Future Product Prices Using Facebook Prophet

Coursera

Credential ID: 4KJ5W4QBF9DJ

2020

ANZ Virtual Data Internship

ANZ

Credential ID: TAzh5noBSrjq2qbeE

2020