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timothy

**king**

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|  |  |
| --- | --- |
|  | Education |

## MS in Computer Science |

## Georgia Institute of Technology

### August 2022 – Present

## 4/4 GPA

## BS in Computer Science |

## Florida International University

### August 2018 – May 2022

3.66/4 GPA

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|  | Experience |

## Artificial Intelligence Researcher | P23

### January 2024 – Present

Contributing to a peer-to-peer ML/DL project launched by Trustless NYC and Rubric Labs.

## Software Researcher | Clearfind

### DECEMBER 2022 – February 2023

Working with AI/ML algorithms; focusing on the preprocessing, testing, analysis, and correcting of the models, as well as working on ad-hoc projects as they come about.

## Software Developer | StudyBuddy Pro

### January 2022 – May 2022

Worked in developing an automated essay grader using AI and machine learning. My role on this project involved the creation and design of the algorithms used to identify sections within essays and produce a fair and accurate score of a student’s short essay question based on specific criteria. Project written primarily in Python and its related ML libraries/frameworks.

## Software Developer | FIU

### August 2021 – December 2021

Developed and maintained software for MyVIRS project. Became acclimated to agile development and the Scrum framework. Developed in Java, SQL, HMTL, CSS, and JS.

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|  | Technical skills |

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| * Java * Python * SQL * R/Stata * Excel * SpaCy/NLTK * Gensim/ Word2Vec * HTLM/CSS * Linux/Unix * AI/ML * SPM, AFNI | * Tableau * C/C# * Hadoop/Spark/Hive * Scikit-learn * Pytorch/ TensorFlow * Data Management * Git/Github * Jupyter * Scientific writing * Data Structures * Keras |

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|  | Projects, Papers, and Certs |

## Georgia Tech VIP

Vertically Integrated Project aimed at materials discovery using deep learning and GNNs.

## Raven's Progressive Matrices Project

Knowledge-Based AI [project](https://github.com/TKing151/Ravens_Progressive_Matrices/tree/main) using image processing and cognitive reasoning/ representations. Contact for access.

## Trending Papers

Co-authoring research paper introducing [TrendingPapers](https://trendingpapers.com/papers?o=pagerank_growth&pd=Since%20beginning&cc=Cited%20and%20uncited%20papers&c=All%20categories), a novel way to search and organize a massive dataset of research papers.

## Computational Intertextuality Project

In progress research designing knowledge representations for allusion detection in narratives. Contact me for access to [project](https://github.com/TKing151/Computational_Intertextuality) progress updates.

## Google Data Analytics Professional Certificate (2022)

[Certificate](https://www.coursera.org/account/accomplishments/professional-cert/28VU8AQ3MLZT?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=prof) and data analysis case [study](https://www.kaggle.com/code/timothyking1/bike-share-case-study).