Wyatt Knutsen

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EDUCATION

Texas State University   Expected Dec 2024
Bachelor of Science in Computer Science

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Computer Architecture, Machine Learning, Algorithm Design and Analysis, Software Engineering, Computer Networks, Computer Systems Security, Linear Algebra, Compiler Construction

RELEVANT EXPERIENCE & PROJECTS

Texas State University   Jan - Jun 2024
Fake Neural and Political News Discriminator

- Conducted comparative analysis of machine learning models and algorithms, specifically training Random Forest and Gradient Boosting models on a dataset of 65,000 articles from Kaggle using Python in Jupyter Notebooks.

- Implemented performance visualization using Matplotlib and integrating confusion matrices to analyze and address discrepancies.

- Enhanced model accuracy by implementing ensemble methods combining Random Forest, Gradient Boosting, and Logistic Regression.

Texas State University   Aug – Dec 2023
Object-Oriented Design Team

- Enhanced application functionality by designing and integrating new features into projects, including a bookstore management system.

- Performed thorough JUnit testing to ensure software reliability and quality.

- Utilized Git for version control, adopting a rotational leadership approach to coordinate code modifications and enhance team collaboration.

24 Hour Passports & Visa Services   Oct – Mar 2023
Passport Agent

- Facilitated customer passport application process with a high level of meticulousness and commitment to security protocols to minimize mistakes and uphold the integrity of the issuance process.

- Supported IT operations, troubleshooting technical issues, and ensuring the smooth operation of internal systems.

TECHNICAL SKILLS

Languages: Knowledge working with C++ and Python(PyTorch, TensorFlow)HTML,CSS, and JavaScript.
Other Frameworks & Technologies: Git, React, Linux, Flask, MySQL

ADDITIONAL INFORMATION

Languages: Proficient in Spanish
Portfolio: wyattKnutsen.github.io