

Wyatt Knutsen

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EDUCATION

Texas State University
Bachelor of Science in Computer Science

Expected Dec 2024

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
Fake Neural and Political News Discriminator

Jan - Jun 2024

- Conducted a comparative analysis of machine learning models, specifically training Random Forest and Gradient Boosting on a dataset of 65,000 articles from Kaggle using Python in Jupyter Notebooks.
- Implemented Matplotlib for performance visualization and integrated confusion matrices to analyze and address discrepancies.
- Improved model accuracy by employing ensemble methods combining Random Forest, Gradient Boosting, and Logistic Regression.

Texas State University
Object-Oriented Design Team

Aug - Dec 2023

- Designed and implemented new features in various projects, including a comprehensive bookstore management system to user experience.
- Conducted thorough JUnit testing to ensure software reliability
- Utilized Git for version control, adopting a rotational leadership approach to coordinate code modifications and foster team collaboration.

24 Hour Passports & Visa Services
Passport Agent

Oct - Mar 2023

- 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, Tableau, Flask, MySQL

ADDITIONAL INFORMATION

Languages: Proficient in Spanish
Portfolio: [wyattKnutsen.github.io](https://github.com/wyattKnutsen)