

# Wyatt Knutsen

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## EDUCATION

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**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, Numerical Analysis

## RELEVANT EXPERIENCE & PROJECTS

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**Texas State University**  
*Fake Neural and Political News Discriminator*

Jan - May 2024

- Researched and compared models/algorithms, trained Random Forest and Gradient Boosting models on a 65,000 article dataset from Kaggle using Python in Jupyter Notebooks.
- Implemented performance visualization using Matplotlib and integrated confusion matrices for discrepancy analysis.
- Optimized model performance through ensemble methods combining Random Forest, Gradient Boosting, and Logistic Regression.

**Texas State University**  
*Object-Oriented Design Team*

Aug – Dec 2023

- Enhanced application functionality by implementing new features and conducting JUnit testing on projects, including a bookstore inventory management system.
- Managed code versions using Git, applying a rotational leadership approach to coordinate modifications and ensure effective team collaboration

**24 Hour Passports & Visa Services**  
*IT Support Intern*

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

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**Languages:** Knowledge working with C++ and Python(NumPy, Pandas, Scikit-Learn, TensorFlow)  
Experience with Flask, MySQL, HTML/CSS, and JavaScript.

**Other Frameworks & Technologies:** Git, Docker Linux, Power BI

## ADDITIONAL INFORMATION

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

