Jianglong Yu

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PROFILE

Energetic Computer Science Master's student at Texas A&M University, passionate about advancing in Artificial Intelligence, machine learning, and software development. Eager to apply my skills in a challenging internship, contributing to innovative projects while preparing for a future career in cutting-edge technology sectors like autonomous driving.

EDUCATION

Texas A&M University   College Station, TX
M.S in Computer Science   Expected May 2025
Relevant Coursework: Software Development, Algorithm

Oregon State University   Corvallis, OR
B.S. in Computer Science   Sep 2019 - Jun 2023
Cumulative GPA: 3.68/4.00, Major GPA: 3.71/4.00
Relevant Coursework: Machine Learning, Could Development, Operating Systems

PROJECTS

Traveling APP   Winter 2023
Key Words: Kotlin, Android Studio, Git, Leadership
- Led a team of 4 in designing and developing a travel app, coordinating tasks, and guiding UI/UX design.
- Integrated Google Maps and Yelp APIs for dynamic content.
- Handled Git for version control and code integration, ensuring smooth team collaboration.

Drawn Digit Identification   Fall 2022
Key Words: Neural Network, Backpropagation, ReLU, Hyperparameter Tuning
- Developed a feed-forward neural network with 95% accuracy in digit recognition using backpropagation and ReLU activation.
- Optimized model through careful hyperparameter tuning, enhancing learning efficiency and performance.

Tarpaulin RESTful API   Spring 2021
Key Words: MongoDB, JWT, Docker
- Developed a Canvas-like system's RESTful API for managing course content, assignments, and student submissions.
- Implemented MongoDB for data storage, JWT for secure authentication, and Docker for consistent deployment.

RESEARCH

Development of a Supply Chain Model   Corvallis, OR
Mentor: Professor. Karthika Mohan   Oct.2022-Jun.2023
Key Words: Probabilistic Programming, Causal Queries
- Built a supply chain model using Probabilistic Programming Languages (PPLs) to address causal queries.
- Gathered data, parameterized probability distributions, and interpreted causal relations within the model.

WORK EXPERIENCES

Teaching Assistant, Oregon State University   Corvallis, OR
Web Development Course   Jun.2022-Mar.2023
- Assisted in grading, reviewing assignments, and conducting FAQ sessions to enhance student understanding.
- Developed strong communication and pedagogical skills through interactive teaching.

PROFESSIONAL SKILLS

C/C++, Python, Java, Node.js, Flask, Git, REST, NumPy, Docker, Quick Learning, Problem Solving