

Andrew Wang

(203) 706-8347 | Cheshire, CT | andrew.2.wang@uconn.edu

EDUCATION

UCONN School of Engineering

Bachelors of Science in Computer Science

Storrs, CT

May 2026

- Relevant Coursework: Algorithms, Artificial Intelligence, Computer Architecture, Cyber Security Lab, Data Structures, Discrete Systems, Machine Learning, Networks and Communications, Software Engineering, Systems Programming

PROFESSIONAL EXPERIENCE

Freelance Software Engineer

Confidential Client

Trumbull, CT

November 2025 - Present

- Develop backend functionality for Landing Gear Recommender (gearrec), a conceptual aircraft landing gear sizing tool for early-stage design exploration
- Implement features for configuration generation, validation checks, weighted scoring, and sensitivity analysis across candidate landing gear designs
- Support both CLI and FastAPI-based web application development to enable accessible analysis and visualization of design outputs

UCONN School of Engineering

Technical Analyst

Storrs, CT

September 2024 – Present

- Provided technical assistance to 20 students per week in the computer lab, supporting coursework, research, and project-related troubleshooting
- Performed routine checks on computer hardware 4 times per week, including desktops, printers, and monitors, to maintain functionality and minimize disruptions

UCONN School of Engineering

Tiger Team Analyst

Storrs, CT

January 2024 – May 2024

- Resolved 20–30 technical support tickets weekly for UCONN professors and staff, troubleshooting hardware and software issues to ensure prompt and reliable service
- Followed up with requesters after resolution to verify satisfaction, confirm issues were fully addressed, and support efficient ticket closure

PROJECTS

SDP-Email: Outlook Phishing Detection

Senior Design Project

Storrs, CT

May, 2026

- Developed a Naive Bayes model for phishing email classification using email content features to identify suspicious messages in Outlook
- Engineered backend infrastructure to process opened emails, run detection logic, and return real-time warning results
- Connected the ML detection pipeline to an Outlook add-in that alerts users when a message appears suspicious

Zillow-Style Real Estate Database & Web APP

Introduction to Databases

Storrs, CT

December, 2025

- Built an end-to-end real estate management system by designing a relational database to track agents, buyers/sellers, properties, viewings, offers, and sales, and developing a responsive Zillow-like web UI with authentication, search/filters, agent finder, and image uploads

ADDITIONAL INFORMATION

Languages: Fluent in Mandarin

Technical Skills: Python, SQL, R, Javascript, Java, C, C++, Assembly

Tools and Frameworks: Github, VS Code, Unity, IntelliJ, Tableau

Interests: Pickleball(Contract with Selkirk, played for UCONN Pickleball Club team, taught private lessons), Volleyball, Fishing, Esports