Wei Fan Wang

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TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, HTML, CSS, SQL **AI & Automation:** Antigravity, AI Studio, n8n, Flow, Whisk
Frameworks & Tools: React, Next.js, Node.js, Android (Kotlin), Express.js, Jest, FastAPI, MySQL, Git, Linux, Firebase

EDUCATION

Georgia State University   **Atlanta, Georgia**
Master of Science - Computer Science - **GPA:** 3.76/4.00   *Sep 2024 – Dec 2026*
Georgia State University   **Atlanta, Georgia**
Bachelor of Science - Computer Science - **GPA:** 4.00/4.00 (President List)   *Sep2022 - May 2024*

WORKING EXPERIENCE

Zeonsolutions.ai   **Atlanta, Georgia**
AI Engineering Intern / Software Engineer Intern   *Oct 2025 – Current*
- Conducted technical consultations with partner companies on system architecture, deployment workflows, and API integration, identifying opportunities to integrate the startup's AI-driven automation tools into client operations.
- Built an automated TikTok video analysis pipeline using n8n workflow automation, enabling scalable video crawling, data extraction, and ML-based content analysis for social media insights.

Georgia State University - Computer Science Department   **Atlanta, Georgia**
Lab Instructor for CS 2510 (Theoretical Foundation/ Discrete Math)   *Sep 2024 - Current*
- Assisted in delivering course content by holding weekly labs, office hours, answering student queries, and clarifying complex concepts in theoretical foundations and discrete math.

National Science Foundation   **Atlanta, Georgia**
Software Development Summer Intern (ML Ecosystem for Filaments Training)   *June 2023 – Dec 2023*
- Contributed to the development of MLEcoFi, a large-scale ML ecosystem for solar-filament detection and CME forecasting, including data pipelines and preprocessing workflows for 10,000+ annotated images.
- Built software modules for anomaly detection, image filtering, and dataset distribution, improving data quality, automation efficiency, and annotation throughput across the research pipeline.

PROJECTS

Industrial Website Development | Regal Industrial Corporation – *Next.js, React, TypeScript, SEO*
- Built 5+ responsive, production-grade pages for an industrial coatings company using Next.js and TypeScript, implementing reusable UI components.
- Implemented SEO optimizations including JSON-LD structured data, metadata configuration, improving the company's digital presence and accurately representing SSPC certifications, services, and regulatory compliance.

Real-Time Sensor Data Classification System – *Java, Python, Android SDK, FastAPI, WebSocket, XGBoost, CNN*
- Built an Android data-capture client with a foreground service streaming 50Hz motion-sensor data and exporting structured CSVs, integrating with a FastAPI backend via REST and WebSocket endpoints for real-time ingestion.
- Architected a two-phase system that ingested and processed 1,400+ recordings for offline model training, then served real-time inference through a modular, low-latency prediction service powering a live dashboard.

To-Do List Web Application – MVC Architecture – *React, Node.js, Express, MySQL*
- Engineered a full-stack task management platform using RESTful APIs and MVC architecture, enabling real-time updates between backend and frontend. Designed a responsive React interface and optimized PostgreSQL queries, improving API performance and user interaction latency by over 30%.

Membership Management System - *React, TypeScript, Node.js, MySQL*
- Built a scalable membership platform to track members, payments, and attendance, using React for UI, Node.js for backend logic, and MySQL for data storage.
- Integrated secure authentication and CRUD operations, increasing administrative efficiency and ensuring accurate data management across modules.

ACTIVITIES AND LEADERSHIP

President, Taiwanese Student Association, Georgia State University   **Atlanta, Georgia**
- Current president, developed strong leadership, communication, and collaboration skills by managing a 50+ member organization, organizing cultural events, and coordinating community engagement initiatives in Atlanta.