

# Michael Wang

Johns Creek, GA · [mwang0605@gmail.com](mailto:mwang0605@gmail.com) · 470-844-6231 · [linkedin.com/in/mwang0605](https://www.linkedin.com/in/mwang0605)

## Education

---

**Georgia Institute of Technology**, Atlanta, GA 2024–Present  
Dual Enrollment · Coursework: Linear Algebra, Multivariable Calculus, CS 1301

**North Gwinnett High School**, Suwanee, GA 2023–2027  
GPA: 4.2/4.0

## Technical + Founder Experience

---

**Founder — Esto** July 2025 – Present

- Built beta-stage AI-driven property management workflow automation tool using **Python, Next.js, FastAPI, SQL, Gemini API**.
- Secured **\$60M AUM under contract**; piloting with property managers.
- Backed by **Georgia Tech Create-X** and angel investor from **Salesforce**.

**Founder — SDERM AI** Dec 2024 – Aug 2025

- Built dermatology classification system using **ConvNeXt-Tiny** fine-tuned on a **20,000-image dataset**.
- Top 350 finalist out of 12,000+** global submissions (Blue Ocean Entrepreneurship Competition).

## Research Experience

---

**Lead Researcher — AI Bias Lab, Emory University (Prof. Kai Shu)** Jan 2025 – Present

- Designed and implemented a multi-agent inference-time debiasing framework for multimodal large language models.
- Engineered automated mitigation pipelines; reduced measured bias by **40% peak / 30% sustained** with **<7% accuracy degradation**.
- Conducted ablation studies and robustness testing across model architectures and benchmark datasets.

**Research Assistant — Digestive Diseases Lab, Emory School of Medicine** Dec 2024 – Aug 2025

- Investigated **iron-mediated oxidative stress** in **ferroptosis** and its relationship to metabolic disease.
- Executed molecular biology experiments including **PCR, qPCR, cell culture, and ROS** quantification assays.
- Analyzed experimental data and contributed to a **peer-reviewed publication indexed in PubMed (NIH)**.

## Other Experience

---

- VC Scout @ Boardy AI**: Sourced pre-seed and seed stage startups for Venture branch of Boardy AI.
- Medical Intern (Atlantic Advanced Spine and Neurology Institute)**: Assisted EEG diagnostics and patient support.
- Director of Real Estate Development (Diamond Trusty Realty)**: Led construction and maintenance teams to increase rental property value.

## Technical Skills

---

**Languages**: Python, TypeScript, SQL  
**AI/ML**: PyTorch, TensorFlow, HuggingFace, ConvNeXt, Computer Vision Pipelines  
**Systems**: FastAPI, Next.js, Deployment Pipelines, Git

## Publications & Recognition

---

- Wang, M., et al. (2025). [Mitochondrial ROS-induced metabolic alterations differentially regulate ferroptosis sensitivity](#). Indexed in **PubMed (NIH)**.
- Wang, M. (2024). [Assessing the Predictive Accuracy of Economic Indicators on Real Estate Development in Georgia](#).