

ANDREW WONG

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Austin, TX | US Citizen | <https://www.linkedin.com/in/andrew-c-wong>

EDUCATION

The University of Texas at Austin, Austin, TX August 2025 - Present

Bachelor of Science, Electrical and Computer Engineering | Minor in Quantum Information Sciences | Junior

GPA: 4.0

Strake Jesuit College Preparatory, Houston, TX

August 2021 - May 2025

High School Diploma | May 2025

Honors: Top 6% of Class; Highest Honor Roll; Arts & Humanities, Multidisciplinary, and STEM Endorsements

EXPERIENCE

Celestica, Richardson, TX

June 2026 - Present

Engineering Intern

- Optimized manufacturing processes by analyzing cycle times and identifying efficiency improvements between Design Verification Test (DVT) and Production/Pre-Production Verification Test (PPVT) phases
- Oversaw 40+ hours of cleanroom operations for fiber optic cabling in hyperscale data center infrastructure, ensuring precision and contamination control

Longhorn Life Sciences, Austin, TX

May 2026 - Present

Electrical Engineering Intern

- Contributed to the development of wireless RF sensor systems for medical diagnostics, including VNA calibration and data acquisition
- Collaborated on RF telemetry systems for real-time data transmission in medical device environments

Computational, Sensing, and Imaging Lab, Austin, TX

February 2026 - Present

Research Assistant

- Building low-field MRI from scratch following MRI4ALL Hackathon process and optimizing field strength
- Repurposed 3D printer to probe magnetic field, determining optimal passive/active shimming adjustments

Texas Aerial Robotics, Austin, TX

February 2026 - Present

Hardware Engineer

- Built 3 part PID and iLQR control system to maneuver thrust vector control dart to land at desired location
- Constructing orbital rig to test control system consistency in practice and measure relevant data

Ambience Healthcare, San Francisco, CA

October 2024 - December 2024

Product Development Intern

- Structured automatic E-Order entry for Electronic Health Record (EHR) systems in the emergency room setting
- Presented relevant findings from shadowing clinical work to the product development team (showed results in the next month)
- Designed bedding order automation in the emergency room setting to increase operation efficiency

Lemoney Learning, Houston, TX

November 2023 - December 2024

Marketing Intern

- Prospected to 6000+ teachers and 700+ school districts across 3 states
- Utilized AI to build an efficient email collection system, significantly decreasing time spent on prospecting
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Hackathons/Datathons

MLDS Datathon (2nd Place):

- Placed 2nd/25 teams with 79.6% accuracy on a song skip prediction challenge using real-world streaming data
- Built a stacked ensemble (LightGBM, XGBoost, CatBoost, Ridge) with a meta-learner to weight model outputs

HackTX:

- Built computer-vision-based smart whiteboard alternative reducing cost from approximately \$5,000 to \$50
- Demo Video: <https://youtu.be/tulJJlFfidc?si=Pg7dmwgpuicR70Wj>

ADDITIONAL INFORMATION AND SKILLS

Technical/Computer Skills: Intermediate Mathematics, Python, Beginner C++, Assembly, LaTeX, Soldering, KiCad

Languages: Fluent English, Intermediate Mandarin Chinese