

Eliotte Lin

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[Website Portfolio](#)
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EDUCATION

Texas A&M University (*Aug. 2024 - May 2028*), 3.94 GPA

B.S. Interdisciplinary Engineering - Nuclear Engineering & Bioenvironmental Sciences

- **Scholarships:** National Merit Scholar, President's Endowed Scholar.
- **Leadership/Honors Programs:** EH EDGE Scholar, Engineering Honors.
- **Research:** PFAS Detection using Photonic Devices, Dr. Pao-Tai Lin.

EXPERIENCE

HYTH Architects and Planners - Intern (*May. 2025 - June. 2025*), Taipei, Taiwan

Built firm's official website using Tailwind CSS and Contentful, researched AI to optimize architectural workflows.

- **Website Links:** [HYTH Architects and Planners](#), [AI in Architecture](#).

AP3 Law Firm - Patent Law Intern (*Dec. 2024 - Jan. 2025*), Dallas, TX

Drafted and Submitted 7 Office Action Responses and 1 Provisional Patent Application.

- **Invention Categories:** Semiconductor Fabrication, Power Electronics, Integrated Circuits, Wireless Power Communication, Data Center Power Supply.

Pamir Law Group - Environmental Law Intern (*June 2024 - Aug. 2024*), Taipei, Taiwan

- Analyzed environmental litigation trends, especially cases like *Held v. Montana*.
- Created a global comparison matrix on small modular reactors (SMRs).
- Produced instructional presentations on global ESG regulations.

SMU Lyle School of Engineering - Research (*May 2023 - Aug. 2023*), Dallas, TX

Wearable pH sensor technology under Templeton Centennial Chair Professor J.C. Chiao

- Fabricated working electrode samples using sol-gel deposition & annealing.
- Researched alternative materials and tested open circuit potential.

PROJECTS/COMPETITIONS

Team Voltaris - Finance Team Lead (*Sep. 2024 - Apr. 2025*), TAMU ThinkTank

Competed in the Solar District Cup: collegiate competition in designing & modeling distributed solar energy systems, sponsored by the US Department of Energy.

- Oversaw financial modeling and collaboration with other teams (Engineering and Urban Planning).

TACS Build4Good Hackathon - 2nd Place (*Mar. 29, 2025*), Texas A&M Computing Society

My team's project, *SimplyLearn*, integrates Gemini and Notion APIs and using input of a goal, time frame, and frequency, generates a detailed plan with daily to-do-lists that are directly exported as a Notion database.

- I integrated Notion API into *SimplyLearn* using Python, and assisted in frontend design using HTML.

Automatic Chair - Team Lead (*Feb. 2024 - May 2024*), Trinity Christian Academy, Honors Engineering Design

Led a team to design and build an office chair with electric lift for a teen with Limb Girdle Muscular Dystrophy.

VOLUNTEERING/AWARDS

Youth Impact Volunteer: Big Littles (*Jan. 2025 - Present*), [Youth Impact | Grace Bible Church](#)

I mentor middle-schoolers in the Bryan/College Station area 1-2 times a week.

International Research Olympiad Semifinalist (April 2024) - Top 150 globally in competition assessing critical thinking skills in analyzing research papers of topics ranging from medicine to large language models.

National Merit Scholar (Feb. 2024) - Top 1% on PSAT/NMSQT in Texas.