



YOUSSEF CHBANI

Electrical & Computer Engineer

CONTACT

PHONE:
+974 77275635

EMAIL:
youssef.chbani@tamu.edu
youssef.chbani@qatar.tamu.edu

LINKEDIN:
[Youssef-Chbani](#)

PROJECTS

Leaky Wave Antenna
Kolmogorov Arnold Networks
Smart Green House Project

RECOMMENDATIONS

(Given upon request)

LANGUAGES

Arabic (Native/Bilingual)
French (Native/Bilingual)
English (TOELF 101; SAT 1350)
German (B1)

HOBBIES

Animal Care
Volunteering
Racket Sports
Guitar

EDUCATION

Honors Electrical & Computer Engr. Texas A&M University 2023 – Present

Currently involved in research with professors. Honors student and part of the dean's list.

GPA: 4.0

EXPERIENCE

- Department Of Student Affairs Student Staff 2025 - Present
Managed different clubs and budgets and reduced document submission delinquency.
- Kolmogorov Arnold Network Research 2024 - Present
Worked on improving current techniques to produce an explainable pulsar classification model.
- Hexagonal Leaky Wave Antenna Design 2025 – Present
Designed a leaky wave antenna that achieved high gain, bandwidth and large scanning radius.

CERTIFICATES AND ACHIEVEMENTS

- ILM Certification for Engineering Leadership for Emerging Leaders
- Tau Beta Pi Member
- IEE HKN Member
- Tafawoq Scholarship Recipient
- Carnegie Mellon Integration Bee 3rd place
- GPCA TAMUQ Ambassador
- Advanced Presentation Skills ENGR X Program
- Aggies Makers Association Events Manager
- The Peace Club Tech Committee

TECHNICAL SKILLS

Programming Languages: Python, C, C++

Development Areas: Machine Learning (TensorFlow, Sci-Kit, YOLO),

Design Tools: Overleaf, Adobe Creative Cloud, Davinci Resolve, Canva

Professional tools: CST Studio Suite, SolidWorks, Matlab