

NICHOLAS CORNELL

Southlake, Texas | nickcornell.studio | [GitHub: github.com/nicholascornell](https://github.com/nicholascornell)

EDUCATION

Carroll Senior High School	Southlake, TX 2024-Present
Saint Peter's Preparatory School	Jersey City, NJ 2023-2024
Advanced Coursework: AP Calculus AB, AP Physics 1, AP English IV, AP Business & Personal Finance, AP Statistics (Texas Tech K-12), AP English Language, AP Psychology, AP European History, AP Computer Science Principles	

ENGINEERING & TECHNOLOGY

City of Southlake Public Works - Engineering Intern	2026-Present
Work with city engineers on plan review, field inspections, drainage and flood mitigation, stormwater infrastructure, water systems, and municipal projects; exposure to AutoCAD and civil engineering.	
SurgeWatch - Founder & Developer	
surgewatch.live Built an address-based flood-risk platform integrating FEMA, NOAA, USGS, weather, elevation, soil, river, and mapping data.	
Grandma.care / HelloFriend - Developer	
grandma.care Developed a web platform supporting independent living for older adults through reminders, family communication, scheduling, and assistance.	
CornellBot - Developer	
cornellbot.com Built and self-hosted an AI web platform using Linux, APIs, and web deployment technologies.	
Mushroom Cultivation & Automation	
Instagram: @LoneStarMyco Independent cultivation and automation project using controlled growing environments and environmental monitoring.	
Technical: AutoCAD (self-taught), JavaScript, HTML/CSS, GitHub, Supabase, Vercel, Linux, APIs, GIS/mapping tools	

LEADERSHIP & ACTIVITIES

Junior World Affairs Council - Founder & President	2026-Present
Founded Carroll Senior High School chapter affiliated with the World Affairs Council of Dallas/Fort Worth.	
Rotary International Youth Exchange - Brazil	Summer 2026
Selected for exchange in Parana, Brazil; lived with a host family, learned basic Portuguese, and gained exposure to Brazilian culture, industry, and engineering.	
American Legion Texas Boys State - State Delegate	2026
Selected for statewide civic leadership program and elected State Delegate.	
Carroll Varsity Soccer & Competitive Club Soccer	2024-Present
Varsity player and competitive Dallas Texans club player; All-District Honorable Mention.	
SASO - Student Advisory Council	2026-2027
Elected to student leadership council supporting community service initiatives.	
TED-Ed Club - Director of AV	
Managed audiovisual production and presented a talk on sports as a universal language.	

PHOTOGRAPHY, ART & MUSIC

Photography & Visual Art	@n.cornell_photography
@n.cornell_photography Independent photographer and artist focused on architecture, cities, landscapes, and the built environment.	
Congressional Art Competition - Regional Winner	2024
Won in New Jersey's 8th Congressional District for an original work depicting Hoboken's historic Lackawanna Terminal.	
Music Production	youtube.com/@nickcornellmusic
youtube.com/@nickcornellmusic Produces original digital music using FL Studio, GarageBand, and Logic Pro; publishes original work and music videos on YouTube.	

ADDITIONAL LEADERSHIP & SERVICE

Mercy Street - Youth Soccer Coach	2024
Assistant coach for U12 youth soccer.	
Superintendent's Youth Leadership Council - Carroll ISD	
Selected for district-level student leadership and student representation.	