

LUCA GIANNOTTI

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EDUCATION

AUG 2024 – MAY 2028	Bachelor of Science (Hons) - Computer Science Texas A&M University – College Station, Texas Engineering Honors Student, Lechner Scholarship Recipient Member: Aggie Coding Club, Texas A&M Computing Society
AUG 2020 – MAY 2024	International Baccalaureate Diploma Programme Magnolia High School – Magnolia, Texas Ranked 6/538 Programming Lead for Robotics, Speech & Debate

PROJECTS

MAR 2025 – APR 2025	TAMU Statistics – https://tamustatistics.com Python, FastAPI, Next.js, TypeScript, Pandas, Docker, Cloudflare, Selenium Developed and deployed a full-stack web application analyzing grade distributions across 116,000+ Texas A&M course sections. Built high-performance FastAPI backend and optimized bulk REST endpoints and an interactive Next.js/React frontend with dynamic filtering, sortable tables, and Plotly.js GPA visualizations. Containerized with Docker and self-hosted on Homelab with Cloudflare. Implemented backend automation pipelines for data collection using Pandas, PyPDF, and Selenium
MAY 2025 – CURRENT	Homelab Proxmox, Linux, Docker, YAML, Nginx, Cloudflare, Virtualization Built and maintain a self-hosted Proxmox homelab running with 10+ containerized services for media automation, cloud access, and projects. Integrated Nginx reverse proxy and Cloudflare Tunnels for secure remote access.
OCT 2025 – NOV 2025	Canvas ReadSpeaker Remover JavaScript, Google Chrome, Web Extensions, CSS Utilizes CSS injection to remove the ReadSpeaker button from Canvas Learning Management System pages, featuring customizable Canvas domain settings, allowing you to specify which Canvas instance to affect.

TECHNICAL SKILLS

Languages	Python, JavaScript, HTML, CSS, C++, YAML
Technologies	Flask, React, Node.js, FastAPI
Developer Tools	Git, Docker, Nginx, Cloudflare, VS Code
Coursework	Discrete Math, Linear Algebra, Data Structures & Algorithms
Core Areas	Data Analysis, Containerization, APIs