

Kyle Stallings

(832) 584-8932
citrous@tamu.edu
LinkedIn: <https://www.linkedin.com/in/kyle-stallings-47599a222/>

503 George Bush Dr W
College Station, Texas 77840

EDUCATION

Texas A&M University (TAMU), College Station, Texas
Bachelor of Science in Computer Engineering, May 2025
Minor in Mathematics
Minor in Computer Science

TECHNICAL SKILLS	C#	C	React	JavaScript	Node.js	x86-64 Assembly	UNIX
	C++	Python	SQL (Postgres)	TypeScript	Git	Java	Swift

RELEVANT EXPERIENCE

College of Engineering, Texas A&M
Teacher's Assistant (20 hours/week), August 2022 – December 2022

- Taught introductory engineering principles utilizing Python including programming principles
- Give presentations and lectures over relevant studies to students
- Provided supplementary challenges to engage students
- Graded student assignments, including lab, homework's, and exams

Sun and Ski, Katy Texas
Mechanic Internship (32 hours/week), May 2023 – August 2023

- Gained valuable experience working with other engineers
- Worked sales with consumers over technical specifications
- Worked directly with manufacturers to meet product requirements
- Built and repaired products up to \$5500 in value

PERSONAL PROJECTS

Founded Candy Company | Snow Bite Candy (Freeze Dried Candies)

- Used in-house Artificial Intelligence to find competitive pricing while maximizing profit margins
- Built external and internal website pages to reduce costs of operations
- Found optimizations for production of candies to achieve quicker turnaround

Built Online Website with POS integration | SQL (Postgres), Typescript, JavaScript, Node.js

- Developed full stack application to handle online payments
- Implemented OAuth
- Saved organization an estimated \$3000 in fees
- Notify users of payments issues through a custom build email relay

Water Gauge with Speaker and Bluetooth | Python, Swift, Raspberry Pi Pico

- Water sensor that will play sound when soil moisture drops too low
- Bluetooth connection to change sounds and send push notifications
- Custom soldering with Raspberry Pi Pico

LEADERSHIP

Delta Sigma Phi – Theta Upsilon, Texas A&M
Technology, May 2023 – Present Day

- Keep website updated with new technology and keep privacy policy/terms of use appropriate
- Make sure that payments are made to the fraternity in a secure manner
- Keep social media and members informed of changes to policy with a custom build email relay

ACADEMIC PROJECTS

AMD Xilinx Vivado project utilizing ZYBO Z7-10

- Used Vivado to create hardware logic, which lights up the LEDs on the ZYBO Z7-10 board depending on the status of the on-board DIP switches.
- After completing the aforementioned example, the board was implemented into a simple counter and jackpot game built with the knowledge gained from the first part of this lab.