

SUMMARY

Enthusiastic Engineer with a deep interest in JavaScript and Python, and a primary focus on integrating Artificial Intelligence and Computer Vision. Demonstrated expertise and a proven track record of developing successful front-end and back-end web systems.

PROFESSIONAL EXPERIENCE

The University of Texas at San Antonio edX **Jul 2022 – Present**
Full Stack, UXUI Instructor Teaching Assistant Remote

- Bridged the gap between understanding the intricacies of website development, systematic processes, programming solutions, and the core principles of HTML/CSS, JavaScript, and JQuery for creating impactful website experiences. The student cohort graduated with a 100% success rate.
- Instructor (Sub) for George Washington University, successfully teaching 17 students the fundamentals of JavaScript and JQuery for website applications.

The University of Houston **Jan 2020 – Sep 2021**
Web Developer II, Lead Houston, TX

- Managed cross-departmental relationships, working closely with the information technology department, while serving as the lead for website champions, resulting in a 30% increase in university donors and engagement.
- Served as design and technical leader for the launch of four multi-user sites with a primary responsibility for maintenance of 8 departmental websites and producing documentation outlining project goals, timelines, debugging, and conducting system audits. Provided departmental training for technical software such as Thankview.
- Developed, designed, and deployment of over 8 new responsive web pages and microsites for the University Advancement CMS and WordPress websites, including the University's "Billion Dollar 'Here We Go' Campaign".

Sourceway E-Commerce **Dec 2016 – Jan 2020**
Front-End Web Developer Remote

- Successfully rebranded the company image to bring in over \$141,000 in sales at re-launch. Visually communicated and proposed ideas that utilize current web design trends and UXUI best practices to design and develop the store's (re) branding kit, website, and product templates.
- Applied front-end programming languages to fully customize and launch the website within a strict deadline. Incorporated HTML/CSS, PHP, and Javascript to override WordPress defaults, develop a custom theme, and minimize the use of plugins; to reduce page load times by 10%.

ROBOTICS HIGHLIGHT

- **ALTO-R - A Little Trainable Robot, Recyclable** - Integration of software development (Python) and machine learning techniques to identify recyclable objects. I assembled it using hardware and electronic components.

EDUCATION

Samsung **Dec 2022 – May 2023**
Artificial Intelligence and Machine Learning Remote

Special Recognition: Samsung [USA](#) and [Global](#) Newsrooms

Sam Houston State University **Aug 2011 – Dec 2016**
Bachelor of Science, 3.6 GPA Huntsville, TX

Honors: Alpha Lambda Delta National Honor Society, Academic Dean's List (Spring 2016)

SKILLS

- **Technical Skills:** HTML, CSS, Javascript, Python, PHP, MySQL, Bootstrap, Git, WordPress
- **Interest:** Artificial Intelligence, Machine Learning, Web Development, Computer Vision, Robotics