

LUIS E. LOPEZ

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lelopez.io

EXPERIENCE

- Web Developer,** **University of Houston** *July 2017–Present*
- ▲ Enhancing website's overall UI/UX using HTML, CSS, and JavaScript
 - ▲ Reinforcing self-accountability while performing site-wide updates remotely
 - ▲ Communicating clearly while actively recording progress in Cascade CMS
- Clerical Assistant,** **DMCA LLP** *June 2017–Present*
- ▲ Creating Python code to automate the inventory process of over 300 case files
 - ▲ Ensuring documents are digitized and accessible using cloud-based software
 - ▲ Monitoring case progress and scheduling meetings with clients as needed
- Project Director,** **Z&E Services** *Sept. 2016–Jan. 2017*
- ▲ Developed and implemented a web application to track over 65 students
 - ▲ Launched a tutoring service aimed at increasing tenant retention and satisfaction
 - ▲ Landed three contracts with apartment complexes in the Greater Houston Area

EDUCATION

- Computer Engineering,** **University of Houston** *Spring 2019*
- ▲ Created a Windows executable to crawl file directories and extract MP3 metadata
 - ▲ Designed and built a 3-way crossover/amplifier circuit for digital audio
 - Optimized design using LABVIEW before building and presenting final circuit
 - ▲ Proposed a solution to an NAE Grand Challenge for Engineering
 - Simulated and monitored the fluid flow of water molecules in MATLAB
 - Analyzed critical points in water filtering system to prevent damage

SKILLS

▲ Engineering	Digital Logic Design	Probability & Statistics	Microprocessors
	Signals & Systems	Technical Writing	Electronics
▲ Languages	Python	HTML	MATLAB
	PHP	CSS	C/C++
	SQL	JavaScript	Assembly
▲ Other	Git	WordPress	Adobe Creative Suite

INVOLVMENT

- Web Development,** **lelopez.io** *2017–Present*
- ▲ Helping local businesses establish a global presence by increasing their audience
- Marketing,** **Society of Hispanic Professional Engineers** *2016–Present*
- ▲ Promoting events via digital media using graphic design and copywriting skills
- Tutoring,** **Lamar University/ University of Houston** *2014–2016*
- ▲ Helped others understand Calculus I-III, Physics I-II, C/C++, Assembly and MAT Lab
- Volunteering,** **Habitat for Humanity** *2014–2016*
- ▲ Assisted in the building of homes for low-income neighborhoods