LUIS E. LOPEZ

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EDUCATION

Computer Engineering B.S.   University of Houston (GPA 3.24)   *Spring 2019*
- ▲ Awarded the Academic Excellence Scholarship
- ▲ Proposed a solution to an NAE Grand Challenge for Engineering
  - ▪ Simulated and monitored the fluid flow of water molecules in MAT Lab
  - ▪ Analyzed critical points in water filtering system to prevent damage
- ▲ Designed and built a 3-way crossover/ amplifier circuit for digital audio

SKILLS

▲ **Engineering**	Digital Logic Design	Electronics	Microprocessors
	Probability & Statistics	Signals & Systems	Technical Writing
▲ **Languages**	Assembly	C/C++	CSS
	HTML	JavaScript	PHP
	Python	SQL	MAT Lab
▲ **Other**	Adobe Creative Suite	Arduino	Cascade CMS
	Git	UI/UX	WordPress

EXPERIENCE

Web Developer   University of Houston   *July 2017–Present*
- ▲ Implementing HTML, CSS and JavaScript to enhance website functionality
- ▲ 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   *September 2016–January 2017*
- ▲ Launched a tutoring service aimed at increasing tenant retention and satisfaction
- ▲ Landed three contracts with apartment complexes in the Greater Houston Area
- ▲ Developed and implemented a web application to track over 65 students

ACTIVITIES

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