**Luis F. Sanchez**

**Lfsanchez2@miners.utep.edu**

**(915) 873 - 80 - 22**

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| **OBJECTIVE** |

**Seeking a Job/Internship to gain experience and start my carrer as a Computer Engineer.**

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| **EDUCATION** |

**THE UNIVERSITY OF TEXAS AT EL PASO, El Paso, Texas**

**Bachelor of Science in Electrical and Computer engineering, MAY 2016A**

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| **SKILLS** | |
| **Tools Used** | **Assemblers/Compilers/Debuggers, Oscilloscope.** |
| **Programming Languages** | **C , C++ , Java, JavaScript, PHP, J Query Assembly, MIPS, (x86).** |
| **Software** | **Eclipse, Code Blocks , MS Office, Matlab, CCS, IAR.** |
| **Microprocessors** | **Arduino , TI MSP430G2553, TIVA.** |
| **Operating Systems** | **UNIX/Linux, Windows, OS X.** |
| **Spoken Languages** | **Spanish (100%)** |

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| **JOB EXPERIENCE** |

**Web Applications Developer**

**Academic Technologies / UTEP May 2015 - Present**

- Front End Web Development, using technologies such as, HTML, CSS, J Query, JavaScript and PHP.

-Created many applications for Arduino using technologies such as, UART, SPI, PWM and ADC.

**-** Installed and maintained company's computer systems and network, including Multiple OS installations

Such as, Windows7/8/10, OS X and several UNIX distributions.

-Designed and Printed multiple 3D Parts.

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| **PROJECTS** |

**Senior Project – Intelligent Lighting Control System**

**NASA / UTEP Aug 2015 – Present**

**-**Software/Firmware Developer Role

- Integration, testing and debugging For the whole Software Part

-Implemented a 24 Hour circadian Rhythm algorithm in C, Using 3 PWM as outputs to control the whole system.

-Designed a User Interface using a Kentec LCD Touchscreen.

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| **RELATED EXPERIENCE** |

**IEEE Workshop – C/C++ Language**

**-** Reinforced the basic concepts of data types, arrays, functions, iterations, structures, pointers and linked lists.

- Questioned students to ensure they understood the major concepts of the compilation process.