Javier Benitez Albiter

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Github

EDUCATION   SENIOR

Texas State University — San Marcos, Tx
Major: Electrical Engineering
Concentration: Computer Engineering
Minor: Applied Mathematics | Computer Science
Gpa: 3.18

SKILLS & ABILITIES

Coding Languages:
Java | C++ | C | Verilog | Python | Bash | makefile |

Hardware & OS & Software:
KL46Z Board | Arduino Board | Linux | MacOS | Windows | ESP32 | Raspberry Pi | STM32 | EAGLE |
FUSION 360 | LTSpice | Git | Scansion | WireShark |

Relevant Course Work:
Software Engineering | Object Oriented Design | HDL | Data Structure | Computer Architecture |
Operating Systems | Electronics I & II | Signal & Systems | Circuits I & II | Microprocessors |
Digital Logic | VLSI | Senior Design I | Communication Networks | Data Analysis |

Organizations:
Institute of Electrical and Electronics Engineering — IEEE
Society of Hispanic Professional Engineers — SHPE

Projects:
Vending Machine | Door Project | Plant Monitor | iMessage | Spooling Machine | CPU | Scheduler
Simulation | Matching Dice |

EXPERIENCE

Roofing and Sheet Metal   Summers Since 2016 to 2019
In the beginning I worked at A & B Roofing shadowing the experienced roofers to pick up on their
teamwork skill while acknowledging how their methods improved production. From that I determined
which is best suited for my stature and would just work along side and would apply myself when applicable.
In 2017 I started working at Chamberlain roofing Co. applying myself with my new team, at first i
visualized how they complimented each other and determined where i was best suited based on the skills i
had learned from previous job. I would still continue to learn from the experienced roofer. In 2019 I
changed companies to Texas Roofing Co. and I felt fully applicable for nearly all situations, i was able to
perform many of the routines tasks that are needed to install a roof. Since i quickly prompted myself i
gained trust my foreman in the form that if i were given a duty, i would accomplish that duty quickly and
efficiently.
Projects Attended:
Barton Creek Elementary 2016 | UT Engineering Building 2017 | UT Tennis Court 2018 | ABIA Airport/
Garage 2017-19 | Texas School For The Deaf 2017 | Many Schools 2019

Ensoft Inc   Electrical Engineer Summer Intern 2020 - Present
Worked along side the electrical engineer to complete a station that is to be used at a job site to monitor Psi
levels using a sensor, I would calibrate the sensors, test the wire, test the connectors. Also created a spooling
machine along with the chip that would use the STM32 as its processor.