ajadamjensen@gmail.com **Adam P. Jensen** (707) 815-6881

# OBJECTIVE

Working professionally as an electrician, I learned how to communicate with my supervisors and workers from other trades, find alternate solutions to complex issues, and learn new skills while applying existing ones to current projects. Now as an electrical engineer, I wish to apply the skills and work ethic that I gained from skilled manual labor to expand my knowledge of engineering and show my dedication to this industry.

# EDUCATION

Bachelor of Science, Electrical/Electronic Engineering Expected: December - 2020 California State University, Sacramento G.P.A. 3.3

**Related Courses:**

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| --- |
| Intro to Logic Design |
| Intro to Microprocessors |
| Intro to Feedback Systems |
| Intro to Machine Vision |
| Electronics 1 |
| Electronics 2 |
| Applied Electromagnetics |
| Power System Analysis 1 |
| Signals and Systems |
| Modern Comm. Systems |
| Network Analysis |
| Product Design Project I |

# RELEVANT SKILLS AND KNOWLEDGE

**Languages:** Matlab, C, C++, Python, Verilog

**Tools/Packages:** PSPICE, Advance Design Systems, AutoCad, Multisim, VirtualBench

**Equipment:** Oscilloscope, Multimeter, Function Generator, Power Supplies

**Hardware:** Raspberry Pi, Propeller Microcontroller, Nucleo, Microchip Pickit 3, Analog Discovery

# EMPLOYMENT

*Apprentice Electrician* Wulff Electric 5/1/17 - 8/21/18

Promoted from being a general laborer up to the position of an apprentice electrician. Worked on residential, commercial and industrial sites, which required learning the different responsibilities and common issues associated with each site type. Projects included establishing the electrical room of a multi-floor apartment complex, installing the breaker panels for each floor of the complex, and setting up pathways to motors of industrial machines and connecting them with the control and power sources.

*Apprentice Electrician* Churchill Manor 8/22/18 – Current

Electrical work on commercial properties which included the installation of a wired high-resolution surveillance system and the conversion of mercury vapor light fixtures to LED.

**PROFESSIONAL ACTIVITIES AND ACCOMPLISHMENTS**

* Worked on several multi-million-dollar projects in which I contributed to the development of the project from the ground up. This included the expansion of several factories, the construction of a 5-story apartment/parking retirement complex, and the wiring of a smart house.
* While working 50+ hours a week I still attended community college and received a 4.0 in the semesters I was enrolled.
* Sacramento State’s Deans Honor List: Fall 2019
* Worked in a group to create a self-driving RC car that would detect obstacles and follow a line