

# Jared Miller

Los Angeles, CA

-Email me on Indeed: <http://www.indeed.com/r/jared-miller/feb30ccac6b71f45>

Authorized to work in the US for any employer

## Work Experience

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### **Principal/Electrical Engineer**

Miller Amplification - Los Angeles, CA

June 2020 to Present

- Create brand identity with a focus on accessing underserved market segments
- Develop designs with an emphasis on innovation, versatility, and portability
- Utilize SPICE to streamline new design PoC and fine-tuning of product prototypes
- Design products with a focus on manufacturing efficiency and multi-product utility
- Revolutionize guitar amplification by developing novel topologies to maximize versatility
- Perform repairs, modifications, and custom builds with a focus on client engagement

### **Electrical Engineer**

Black Volt Amplification - Los Angeles, CA

2018 to Present

- Lead engineer for all new product designs
- Designed analog signal processing equipment with a focus on quality and reliability
- Developed consumer products utilizing discrete semiconductor and vacuum tube devices
- Modernized engineering design records with revision control to streamline documentation
- Revamped amplifier production emphasizing efficiency while maintaining quality
- Implemented quality control program for effects pedals to minimize field failures

### **Professional Musician**

Los Angeles, CA

2010 to 2018

- Repaired and performed maintenance of electrical music equipment
- Coordinated personal schedule with conflicting schedules of other performers
- Developed and maintained working interpersonal rapport

### **Electrical Engineer**

InDesign LLC - Indianapolis, IN

2008 to 2010

- Designed novel and robust solutions in consumer, medical, and industrial electronics
- Worked in cross-functional teams to complete in-depth engineering projects
- Performed preliminary design cost estimates and generated technical reports
- Developed robustness in designs for factory production

### **Farm Hand**

Kelly G. Whitesel, DVM - Eaton, IN

2002 to 2006

- Maintained heavy machinery and facilities with a focus on improving daily operations
- Worked on veterinary surgeries and operations as an assistant to teams of veterinarians

## Education

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### **B. S. in Electrical Engineering**

Purdue University - West Lafayette, IN

May 2008

## Skills

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- SKILLS
- Vast experience creating technical solutions with an emphasis on robustness and quality
- Proven track record of creating solutions within cross-functional and diverse teams
- Electrical Engineering
- Electrical Design
- PCB
- Analog
- Power
- MATLAB
- Signal Processing