

JOSEPH GARRETT CORBIN  
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## PROFESSIONAL SUMMARY

Seeking opportunity to utilize programming and full-stack web development skills in the professional world.

- Portfolio: <https://jgarrettcorbin.com>
- Github: <https://github.com/antieatingactivist>

## EDUCATION

STUDENT AT UC BERKELEY EXTENSION FULL STACK WEB DEVELOPMENT  
BOOTCAMP

12/2021 TO 3/2022

- Expanded my knowledge of Javascript, HTML, CSS, JSX, mySQL and mongoDB and their commercial applications.
- Built interactive websites and server backends using Node.js and Express.js.
- Proficient in building user interfaces using vanilla Javascript, CSS, and HTML as well as various frameworks including, but not limited to React, Bootstrap, and Tailwind.

## WORK EXPERIENCE

DIESEL/GENERAL MECHANIC & AUTOMATION TECH AT WOOD YOU RECYCLE -  
ALBUQUERQUE, NM

03/2016 TO 03/2019

- Migrated into automation of the wood recycling operation which included programming Siemens PLC's, designing custom controllers using ATMEL microcontrollers, Arduino IDE/c++, and Autodesk EAGLE.
- Built monitoring stations using embedded linux with custom software built with shell scripting, qt/c++ and python with snap7 library.
- Utilized skills in non-computer assisted diagnostics for older machines as well as Cummins Inside software for newer vehicles.
- Maintained a fleet of about a dozen large diesel trucks and machines at their two locations.

INDEPENDENT CONTRACT/FLEET MAINTENANCE FOR TOURING MUSICIANS

08/2011 TO 03/2015

- In the field diagnostics (pre and post-OBDII) and preventative diesel maintenance; glow plugs, fuel filter replacement, fluid changes, valve adjustments, etc.
- Designed automated controller for switching between diesel and veggie oil based on engine temperature.
- Transmission replacement, engine computer troubleshooting, injection pump replacement, and rebuilding and pop-testing injectors for 80s and 90s Mercedes/ Volkswagen diesel vehicles.
- Restoration projects involving body work, painting, rust removal/prevention, and welding.

REFERENCES AVAILABLE UPON REQUEST