Jeffrey Epler

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Professional Experience

Adafruit — 2019–present — Contract Software Developer
Making the best designed products for makers of all ages and skill levels
Working primarily in the C core of CircuitPython

SDS/2 — 1999–2019 — Executive Programmer-Analyst
Mature cross-platform CAD package serving the construction industry.
Working in all areas of the package, including design, implementation, and maintenance of:

- Fast, cross-compiling build system
- GUI library and GUI builder
- Continuous integration
- TCL, Python APIs to C++ libraries

Mesa Electronics — 2014–2017 — Contract Software Developer
Manufacturer and designer of hardware for embedded and industrial applications
Design and implement specific features in LinuxCNC driver for FPGA motion interface cards

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Diverse Technical Skills

- C++, Python, Tcl & others
- Technical 3D modeling & 2D drafting
- Cloud Computing (DigitalOcean)
- Embedded (nRF, Microchip, ST)

Free & Open Source Projects — 1994–present — Contributor

LinuxCNC — 2004–present — GitHub Project Co-Owner, Elected Board Member
Software for hard real time control of CNC manufacturing equipment and motion control tasks

- Design & implement major features
- Release manager
- Community governance
- Maintain related websites & services

CircuitPython — 2018–present — Core developer
Simplify experimenting and learning to code on low-cost microcontroller boards.

- Identify and implement improvements to the core interpreter and runtime
- Integrate 3rd party code (C, Arduino, micropython) into CircuitPython
- Work with distributed team and community members

See my GitHub profile github.com/jepler for more contributions and original software