

BRYAN BRATTLOF

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SELECTED WORK HISTORY

Embedded Linux Developer — Texas Instruments *Jan. 2022 — Today*

Designing, developing and testing the Linux and U-Boot bootloaders, development tools, and device drivers needed for TI's Jacinto and Sitara family of SoCs and evaluation products.

IT Consultant — Quest Fire Analysis *Apr. 2020 — Nov. 2021*

Developed Python scripts and other systems to automate the transformation of thousands of areal images and point cloud scans into 3 dimensional renderings of active fire investigations.

Ranch Manager — San Antonio, Texas *Jan. 2012 — Jan. 2015*

Collaborated with owners to facilitate new construction projects, maintain existing equipment and infrastructure, while planning and organizing the efficient care for property and livestock.

EDUCATION

Tulane University

B.S. in Applied Computing & System Analysis focusing in Mathematics

New Orleans, Louisiana

Jan. 2015 — Aug. 2019

SELECTED PROJECTS

My latest projects are available at: <https://bryanbrattlof.com>

Linux Kernel Contributor

C, Make, Perl

Currently contributing to the staging and mainline Realtek drivers, adding SDIO bus support and preparing drivers to be merged into the mainline drivers tree.

git.kernel.org/pub/scm/linux/kernel/git/next/linux-next.git

Pelican Extension for Webassets

Python, Pelican

Maintain a plugin for a static website generator, allowing people to compile, compress and minimize their static CSS, JavaScript & Image assets, using the webassets package.

github.com/pelican-plugins/webassets

Pelican Contributor

Python

Contribute to Pelican, a static website generator written in Python. Updating & improving documentation, added to test coverage while helping maintainers solve open issues.

github.com/getpelican/pelican/

bryanbrattlof.com

Python, HTML/CSS, Jinja2, Sass

Created a static website using Python, Jinja2, and Sass, and deployed on Firecracker VMs to share my tips and discoveries while I continuously analyze & explore everything around me.

git.bryanbrattlof.com/bryanbrattlof.com