JOEY PABALINAS

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https://alyp.tk — https://alyptik.github.io — https://github.com/alyptik

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MOTIVATED NERD LOOKING FOR CAREER AS C (HAZARD PAY REQ. FOR C++) SOFTWARE ENGINEER

CONTRIBUTIONS

- **Zsh:** Command-line terminal shell.
  - Contributed fix for the CVE-2018-7548 security vulnerability.[1][2][3]
- **Linux Kernel:** Free OS kernel used in many web servers/Android phones.
  - Contributed 3 patches (accepted and merged) to the LKML as of current.[4]
- **WeeChat:** Extensible IRC client.
  - Contributed CMake fix for split ncurses and tinfo breaking builds.[5]
- **Mixxx:** Open-source, cross-platform DJ software.
  - Contributed patch for Chromaprint library API change handling.[6]

PROJECTS

- **CEPL (Founder):** ISO C11 read–eval–print loop (REPL).[7]
  - Uses GNU Readline/History for command history and incremental undo.
  - Uses LibELF to generate tab completion for shared library functions.
  - Supports Intel & ATT assembler and C source code output.

[1] https://nvd.nist.gov/vuln/detail/CVE-2018-7548

[2] https://security.archlinux.org/CVE-2018-7548

[3] https://sourceforge.net/p/zsh/code/ci/110b13e1090bc31ac1352b28adc2d02b6d25a102

[4] https://patchwork.kernel.org/project/LKML/list/?submitter=178113

[5] https://github.com/weechat/weechat/pull/1090

[6] https://github.com/mixxxdj/mixxx/pull/1073

[7] https://github.com/alyptik/cepl

SKILLS

C ⊕ C++ ⊕ Perl ⊕ Git ⊕ Python ⊕ Javascript ⊕ Java ⊕ Shell (POSIX/Bash/Zsh)

EDUCATION

- 2017 — A.A. in Liberal Arts, Leeward Community College.

REFERENCES

- Available upon request.