JOEY PABALINAS

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https://alvp.tk - https://alvptik.github.io - https://github.com/alvptik

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.
- WeeChat: Extensible IRC client.
 - Contributed CMake fix for split ncurses and tinfo breaking builds.
- Mixxx: Open-source, cross-platform DJ software.
 - Contributed patch for Chromaprint library API change handling.

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.