

## JOEY PABALINAS

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<https://github.com/alyptik> – <https://alyp.tk>

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### OBJECTIVE

- Full-time software developer and engineer.
    - Back-end preference, but willing to be flexible upon request.
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### PROJECTS AND CONTRIBUTIONS

- **WeeChat (Contributor):** Extensible IRC client.  
<<https://github.com/weechat/weechat/pull/1090>>
    - Contributed CMake fix for broken builds caused by split ncurses and tinfo.  
<<https://github.com/weechat/weechat/commit/7a17941a5bb908d4276179b1b83ccda1f0bca889>>
  - **Mixxx (Contributor):** Open-source, cross-platform DJ software.  
<<https://github.com/mixxxdj/mixxx/pull/1073>>
    - Contributed patch for Chromaprint library API change handling.  
<<https://github.com/mixxxdj/mixxx/commit/5b252f36ce091d3a0d56afd10ad4085747c6708f>>8f>
  - **CEPL (Author):** Interactive C (ISO/IEC 9899:2011) read-eval-print loop (REPL).  
<<https://github.com/alyptik/cepl>>
    - Allows choice of arbitrary compiler backend.
    - 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.
    - Tracks and outputs values of variables.
  - **DerpGP (Co-author):** GnuPG to PKCS#1/PKCS#8 conversion tool.  
<<https://github.com/alyptik/derpgp>>
    - Parses a GnuPG key and convert it to PKCS#1/PKCS#8 ASN.1 format.
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### SKILLS

C	C++	Perl	Git Revision Control System
Python	Javascript	Java	Shell (POSIX Shell, Bash, and Zsh)
Make	CMake	IRC	Linux/Windows System Administration

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### EDUCATION

- 2017 – A.A. in Liberal Arts, Leeward Community College.
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### REFERENCES

- Available upon request.