

## 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/blob/master/AUTHORS.adoc>](https://github.com/weechat/weechat/blob/master/AUTHORS.adoc)
    - Contributed CMake fix for broken builds caused by split ncurses and tinfo.  
[<https://github.com/weechat/weechat/commit/7a17941a5bb908d4276179b1b83ccda1f0bca889>](https://github.com/weechat/weechat/commit/7a17941a5bb908d4276179b1b83ccda1f0bca889)
  - **CEPL (Author):** Interactive C (ISO/IEC 9899:2011) read-eval-print loop (REPL).  
[<https://github.com/alyptik/cepl>](https://github.com/alyptik/cepl)
    - Allows choice of arbitrary compiler backend.
    - Uses GNU Readline for key-bindings and tab-completion.
    - Uses GNU History for persistent command history and incremental undo.
    - Uses LibELF to generate tab completion for shared library functions.
    - Supports output of Assembly (Intel & ATT syntax supported) as well as C source code of final program.
    - Tracks and outputs values of variables.
  - **DerpGP (Co-author) – WIP:** GnuPG to PKCS#1/PKCS#8 conversion tool.  
[<https://github.com/alyptik/derpgp>](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.