

Ashwin Kafle

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Work Experience

- **Heisenberg Engineering aug 2023-Intern**— Worked on Embedded Systems, specifically FreeRTOS and ESP32.
- **NexGen IT Solutions jun-jul 2023**— Worked a contract job modifying partkeepr for Gautam Buddha International Airport
- **Free Software Contributions**— Some of the contributions on the free software world
 - Emacs (c637adbf32f) Fixed logical error on calc trail.
 - Sigrid's xmpp 9front (81dfa6bb) show outgoing message on pms.
 - Signal-weechat (b097909) make logging on xdg dir as upstream, tag private messages properly.
 - Sledge (489a312) url encode “no-upload” files.

Projects

The Git repository for my projects can be found in: <https://codeberg.org/boink/>. Most of these are written in the C language.

- **8085 emulator**— A cross-platform program to emulate basic 8085 instructions.
- **Data Encryption Standard**— An implementation of DES algorithm in C.

Technical Skills

- **Programming**— C, FreeRTOS, Python, PHP, Go, Bash
- **Markup**— \LaTeX , HTML, CSS, groff
- **Others**— Git, Irc, Ssh, GNU/Linux, GIMP, ffmpeg

Education

- **Bachelor of Science in Computer Science**— Tribhuvan University, 2020-
- **High School Diploma**— Kathmandu Model College, 2020