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ABSTRACT I am a software engineer with six years experience in Unix systems programming and server administration; programs I have written are in daily use on heavily trafficked services, including on 2channel, which is somewhat like a Japanese version of Reddit, and is the 49th most trafficked site in Japan.¹ Besides this, I am also something of an expert in computer typography.

SKILLS *Programming languages:* Rust, C, Python, Go, JavaScript, PHP
Human languages: English, Spanish, Tagalog, Esperanto
Familiar with: Nginx, Varnish, MongoDB, MySQL, PostgreSQL, Open-Type, jQuery, MediaWiki, Qt, many more...

EXPERIENCE *Senior Developer* April 2016 - Present
Race Queen Inc, Makati, Philippines

- Lead integrating an image uploading tool into the 2channel BBS;
- Was on a team which developed a full text search engine over the multiple terabytes of text data going back to 1999;
- Developed scripts which made navigating and posting on the 2channel BBS easier;
- Oversaw maintenance activities of 2channel.

Systems Administrator October 2014 - April 2016
N.T. Technology Inc, San Francisco, California

- Developed and scaled a site called “8chan”, which was a message-board experiment in free speech. Received at its peak 100,000 posts per day.

Junior Developer September 2013 - October 2014
iCAT Solutions Inc., Markham, Ontario, Canada

- Created a system which would allow human workers to categorize items photographed by insurance claims contractors

¹<https://www.alexa.com/siteinfo/5ch.net>

- Created a user-friendly GUI Django web application which allowed workers to submit their categorizations as quickly as possible

OPEN SOURCE

Github: @ctrlcctrlv

I maintain several open source projects, including:

- **VICHAN** Github Stars: ★268
A popular PHP imageboard software, derivatives of which are widely used on the internet.
- **INFINITY** Github Stars: ★279
A fork of vichan which allows users to create their own boards as well as post on boards created by site administrators.
- **MTURK-PYTHON** Github Stars: ★16
A library for querying the Amazon Mechanical Turk REST API, which is non-trivial due to the fact it accepts only a non-standard file format as POST parameters. This makes submitting to Mechanical Turk friendlier for developers.
- **SOME TIME LATER** Github Stars: ★18
A font supporting all of Latin-1, as well as Cyrillic, Greek and Hebrew; it emulates the font used in the TV show SpongeBob Squarepants.
- **KJV 1611** Github Stars: ★6
A digital recreation of a 400 year old typeface; the typeface found in the original printing of the King James Bible.
- **QKEYSONSCREEN** Github Stars: ★8
A program which uses the Linux `evdev` interface to display the keys the user presses on either Xorg or Wayland. Written in Qt, it is unique in that it can work even if the user is on another tty.
- **LIBJUSTIFY** Github Stars: ★0
A Unicode-aware text justification library written in Rust, with a companion Unix tool which acts on stdin.

I also contribute to the community by posting answers on the Stack-Overflow programming Q&A site, where I have 4,000 reputation points.