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Objective

I'm interested in communicating simple computational solutions to real world problems. I wish to work in an environment where such problems are being tackled, in a collaborative manner, through wish I can develop skills sufficient to think within a team. In addition, I wish to have my own shortcomings made clearer through the help of mentors to which I can learn how I can overcome them.

Education

A-Level, BBB	AEC Tutors '24, Eng. Lit, Economics, Geography

Software skills

*NIX, Linux, OpenBSD, POSIX, plan9 rc, git, HTML/CSS, LaTeX, *roff, nginx, httpd, rcctl, SystemD

Programming skills

Go (Beginner), Python (Amateur), PostScript (Amateur), Awk (Amateur)

Language skills

English (Native), Bengali (Proficient), Mandarin (Amateur)

Experience

2021-23	Private Server master (OpenBSD, rcctl, httpd, werc) - Static site generation was achieved in the backend with 'werc' a suite of scripts written in awk and Plan9's rc shell along with several Plan9 core-utils. User login, comments, sitemaps and even searchbars can be achieved without any javascript, although a new webpage is loaded. OpenBSD, it's webserver 'httpd' and daemons and service utility 'rcctl' are security-conscious by default and much simpler and managable than conventional server OS's and tools.
2021-23	Private Server master (Debian Linux, SystemD, nginx) - Using the traditional-most tools led me to develop a strong sense of familiarity with server management.

Projects

2020-	POSIX - Shellscripting tutorials For personal use I wrote dozens of posix shell scripts to automate batch tasks. I have made public said scripts, with included explanations of flags and core-utils. These scripts save hours of work and make life easier (http://handbook.avsbq.org/cs/shell).
2023-	Golang - 'bq' text editor 'bq' is intended to be an improved and simpler successor to the original UNIX 'ed' editor. 'bq' aims to minimise keypresses as much as possible, thus being extremely ergonomic. (http://to-do.avsbq.org/bq/).
2023-	Golang - 'g-tools' html parsing tools 'g-tools' is a set of small Go programs that parse webpages (http://to-do.avsbq.org/gtools/).
2024	*roff, LaTeX, PostScript etc. - Typesetting archival I taught myself said typesetting methods through studying 80's and 90's source code. This allowed me to create a set of commonmost templates for people to use locally. (https://github.com/christc4/john). (https://github.com/christc4/typesetting-examples).