# Corben Dredge

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https://github.com/corbenshiro

References are available upon request.

## FORMAL EDUCATION

- **Newham Sixth Form College**
  *Computer Science*                                                          *September 2018 - July 2019*
  - Pearson BTEC Level 3 90-credit Diploma in Information Technology

- **Newham Sixth Form College**
  *Networking and Systems*                                                    *September 2017 - July 2018*
  - Pearson BTEC Level 2 First Extended Certificate in Information and Creative Technology

## WORK EXPERIENCE

- **Red Hat, Inc.**
  *Software Engineer, Intern*                                                         *May - August 2019*
  - Worked on RPM packaging through spec file engineering.
  - Bootstrapped (via Podman) containerized Apache Maven and Gradle environments with the Supersonic Subatomic Java framework known as Quarkus.
  - Tinkered with Unix-like systems such as GNU/Linux (various distributions; Fedora, Debian, etc.), Alpine Linux (OpenRC with BusyBox compiled against musl libc) and BSD derivatives.

- **Newham Sixth Form College**
  *IT Staff Assistant, Intern*                                                        *December 2017*
  - Rebuilt workstations and flashed its storage drives with operating system disk images (mainly Windows 7 Professional and Windows 10 Education editions) for later use within the college.
  - Fixed printing errors via reloading the printers' respective daemons.

## AUTHORED PROJECTS

- **Blog:** General-purpose blog with a slant towards technology. Other topics will be covered. https://corbenshiro.github.io/

- **Security Article:** Comprehensive information regarding how I secure my website, webpages and documents (including this curriculum vitæ). https://corbenshiro.github.io/security/

## TECHNICAL SKILLS

- **Operating Systems:** NixOS, Fedora, Debian, OpenBSD, FreeBSD, Sculpt, Windows 10 Enterprise

- **Programming Languages:** Nix, C, Lua, Go, Python

- **Kernel & Application Security:** grsecurity, PaX, Capsicum, Genode OS Framework

- **STIGs:** Windows 10 V2R2, Oracle JRE 8 V1R5

- **Cryptography:** Ed25519 (SHA-512, Curve25519)

- **Unix Shells:** Bourne-Again shell (bash), Bourne shell (sh), Almquist shell (ash, sh), Public domain KornShell (pdksh)

- **Revision Control Systems:** Git, Mercurial (hg), CVS

- **Typesetting:** TEX, LATEX

## HOBBIES & INTERESTS

- **Tabletop RPGs:** AD&D 2E, GURPS 4E, Pathfinder 2E

- **MUDs:** MudCore, Evennia

- **Sports & Fitness:** Keepie uppie (football kick-ups), weightlifting

- **Animation:** Pangu, Douluo Dalu, Record of Lodoss War, Vampire Hunter D: Bloodlust

- **Comic Books:** All-Star Superman, Devilman, Bastard!!, Solo Leveling