

# [Ward Pearce]

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## Objective

I'm looking for a creative & expressive role in back-end development, with a focus on ethics & privacy.

## About

Ward is a motivated & hard working individual who has had a lot of experience with computer systems & other fields of IT. They have a passionate drive for anything computer system based. Ward developed the passion for programming at a young age & ever since has been furthering their understanding & knowledge of programming. This includes doing a Diploma & Bachelor at Ara Canterbury around software development, IT business practices & networking. They have also spent a lot of time developing free & open software what demonstrates their understanding in web frameworks, encryption, SQL & other aspects of programming.

## Technical skills

- Python
- Typescript
- Svelte
- MySQL
- Asyncio
- Docker
- Django
- Vue
- MongoDB
- AWS
- Linux
- Rest APIs
- Nginx / Apache
- S3 / B2

# Qualifications

## Software Development - Bachelor - Yr 2

Ara Canterbury

Christchurch, New Zealand

2020 - 2021

## Software Development - Bachelor - Yr 1

Ara Canterbury

Christchurch, New Zealand

2019 - 2020

## Diploma of Website Development

Ara Canterbury

Christchurch, New Zealand

2018 - 2019

## NZQA Level 2

St Andrew's College

Christchurch, New Zealand

2018

# Work Experience

## LetsPlay.Live

Freelance

Remote, New Zealand

2020 - 2021

# Projects

## Paaster

```
paaster

- My pastes  E2EE

Delete
delete after
never

-script lang="ts"
import forge from 'node-forge'
import { acts } from '@tadashi/svelte-loading'
import { navigate } from 'svelte-navigator'
import { toast } from '@zerodevx/svelte-toast'
import { filedrop } from 'filedrop-svelte'

import {
  getBackendSettings,
  savePaste,
} from '../api'
import { LocalPaste } from '../helpers/localPastes'
import { tempPasteData } from '../store'

let pastedCodePlain: string = ''
async function codePasted(): Promise<void> {
  if (!pastedCodePlain) {
    // On Chrome & Safari, 'oninput' isn't called if a value is binded.
    // Could use 'onchange' for Chrome but doesn't work for Safari.
    // This hackie way lets paaster work for all major browsers.
    // eslint-disable-next-line @typescript-eslint/ban-ts-comment
    // @ts-ignore
    pastedCodePlain = document.getElementById('pastedCode').value
  }

  acts.show(true)

  const backendSettings = await getBackendSettings()

  crypto.subtle.generateKey(
    {
      name: 'AES-GCM',
      length: 256,
    },
    true,
    ['encrypt', 'decrypt']
  ).then(key => {
    crypto.subtle.exportKey('jwk', key).then(async secret => {
      const clientSecretKey = secret.k
    })
  })
}
```

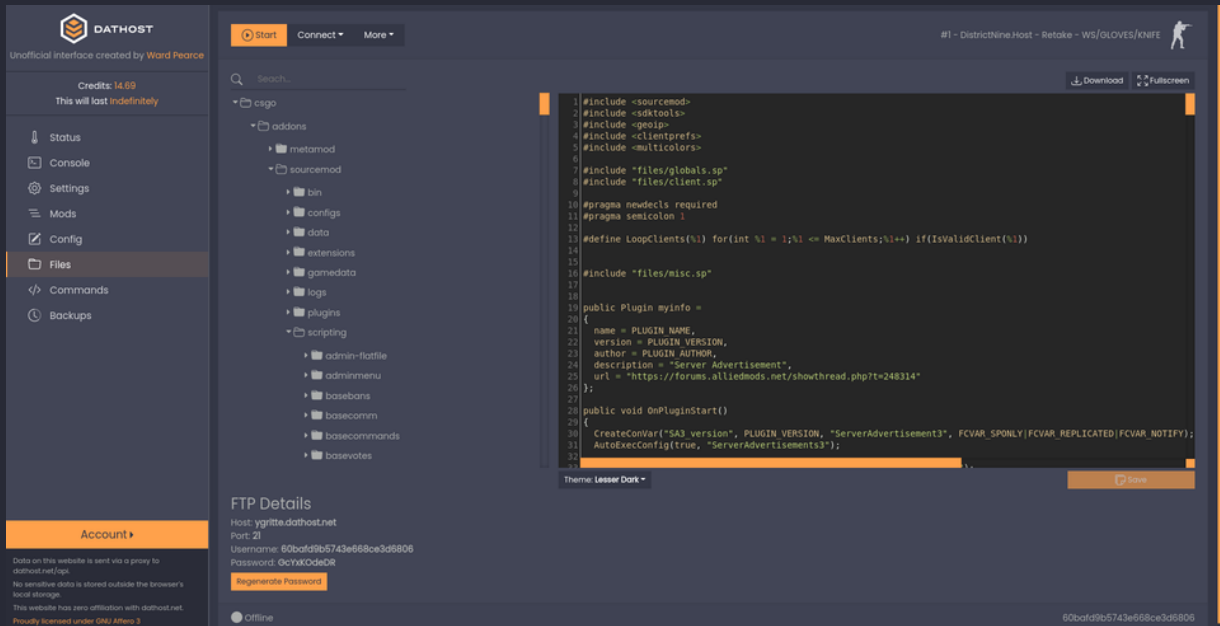
Paaster is a secure by default end-to-end encrypted pastebin built with the objective of simplicity.

[Source code](#) [Hosted](#)

## Built with

- Python
- Starlette
- AES 256
- Svelte
- Docker
- Flake8
- Nginx
- MongoDB
- Workflows

# Unofficial Dathost Interface



Improved serverless interface for Dathost

[Source code](#)

Built with

- Vue
- Typescript

## Privfiles

Encrypted file sharing without Javascript, built as a service for TOR. Due to most TOR users disabling JS, E2EE encryption wasn't a option.

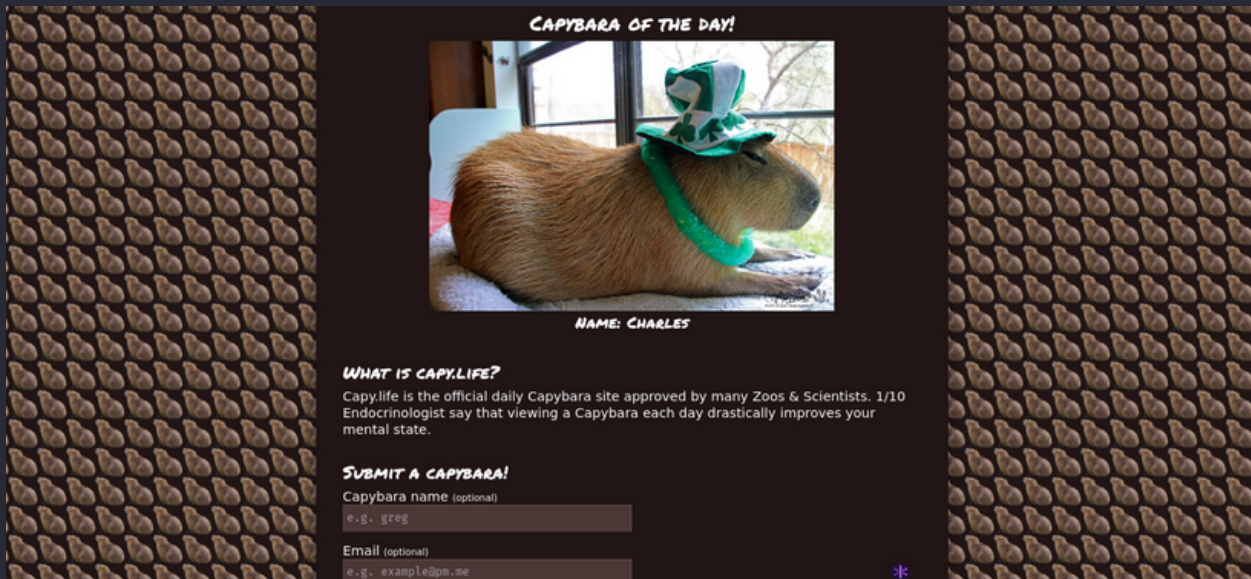
[Source code](#)

## Backblaze

Deprecated wrapper built for Backblaze B2 for async & sync python.

[Source code](#)

# Capy.life



Capy.life is a website what shows you a new Capybara everyday.

[Source code](#) [Hosted](#)

## Built with

- Python
- Starlette
- Bcrypt
- Svelte
- Docker
- Flake8
- Nginx
- MongoDB
- P hashing

## Py styles

Modern CSS library to make your website look like Python.

[Source code](#) [Hosted](#)

## Dathost wrapper Typescript

Makes interacting with Dathost's API simple.

[Source code](#)