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github.com/zacvhogan

ZAC HOGAN

JUNIOR WEB DEVELOPER

A driven developer with two years experience in study and personal projects, with a long background in building and troubleshooting tech solutions. A fast learner who is able to work alone and with a group.

Skills

- **HTML**
- **CSS**
  - **Modern layouts (Flexbox, Grid)**
- **Javascript**
  - **AJAX**
  - **Fetch API**
  - **Asynchronous programming**
  - **DOM manipulation**
  - **jQuery**
  - **JSON**
- **PHP**
  - **CURL-PHP**
  - **Form handling**
- **Tools**
  - **Git**
  - **Terminal/CMD**
  - **SSH**
  - **VM setup**
  - **Win/MacOS/Linux**
- **Methodologies**
  - **BEM**
- **Other**
  - **Adobe CC including Photoshop, Premiere, After Effects**
  - **3D design (Blender)**

Education

Bachelor of Visual Arts
University of Auckland

Projects included game development in Flash/AS3, wayfinding in virtual spaces, and teaching/reinforcing gameplay skills in users.

Projects

Portfolio Site

Mar 2022 - present

A little portfolio site about me.
HTML, CSS, JS, with some external libraries.
Page: www.zachogan.com
Source code: github.com/zacvhogan/zacvhogan.github.io

Virtual Innkeeper [alpha]

Apr 2023 - present

Uses JS and PHP to build an AI personality based on user input, then allows for a conversation with that personality via calls to the OpenAI API.
Designed for tabletop RPG game masters for on-the-fly NPC character creation and interaction.
Page: www.zachogan.com/virtualinnkeeper
Source code (root): github.com/zacvhogan/virtualinnkeeper-public
Source code (backend PHP): available on request.
Roadmap: github.com/users/zacvhogan/projects/3

Friends on Mars

Jan - Mar 2023

Allows users to find all photos taken by NASA's Curiosity Rover for any given day.
Frontend: HTML, CSS, JS. Backend: LAMP stack, PHP.
Page: zachogan.com/curiosityhome
Source code: github.com/zacvhogan/curiosityhome-dev

Work

Makerspace Librarian (lead) - Auckland Central Library

2018 - present

- Developing and maintaining public computing systems for customers with an emphasis on security and reliability.
- Implementing display and interactive elements using Raspberry Pis with a focus on reliability and ease of setup.