Spencer "CERiNG" Gunning

multidisciplinary design · programming · computers

contact

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Champaign, IL
61821

skills

languages

Svelte
React
TypeScript
JavaScript / Node.js
CSS / Stylus / Sass
HTML / Pug
Python
Lua
Bash

tools

Adobe Creative Suite
Git
VS Code
Vite
Parcel
Apache
MS Office Suite

technical

PC Building/Repair
Windows
Windows Server
Linux / UNIX
Networking

soft

creativity
adaptability
multitasking
problem solving
presentation

last updated

17 december 2024

relevant experience

sep. 2024 – present

it specialist

University of Illinois Urbana-Champaign · Urbana-Champaign, IL

- quote, plan, research, and install various IT systems and products
- consult customers on installation and provide instructional use of software applications
- manage physical and virutal networks, DNS and DHCP at a departmental level

feb. 2021 – sep. 2024

it specialist

Raritan Public Library · Raritan, NJ

- design a new website from scratch using a frontend stack of Parcel, Pug, Stylus, and vanilla JavaScript
- maintain a website using Apache and automate back-end processes using cron jobs and a shell scripts
- lead migration of legacy database using a self-written suite of Python scripts for querying, processing and modifying SQL data
- utilized analytics libraries to tabulate website statistics and improve engagement
- maintain WCAG accessibility and SEO best practices through use of tools such as Google Lighthouse
- enhance and maintain a secure network of Windows computers through Windows Server 2016
- design and distribute event flyers, promotional graphics, and eBlasts using Adobe Photoshop and Adobe Illustrator
- coordinate and oversee virtual programming for adult patrons and Library board meetings using Zoom and Google Meet
- assist in hiring new personnel by writing and managing job postings, resumes, and communicating with applicants

sep. 2017 – may 2019

webmaster

WJTB Radio · Newark, NJ

- designed and maintained a new website from scratch using a frontend stack of HTML, CSS, and vanilla JavaScript
- pushed updates to a central server using SSH and Unix command-line tools

jun. 2017 – may 2018

undergraduate research associate

NJIT Center for Solar-Terrestrial Research (CSTR) · Newark, NJ

- analyzed data from the August 2017 solar eclipse and the effects of high-frequency radio communications
- presented research at the 36th ARRL/TAPR Digital Communications Conference and published in a **geophysical research letter**
- spearheaded website development and designed submission forms using Drupal, PHP, Python, and Adobe Photoshop

selected projects

nov. 2023

Cardigan

soraeee.github.io/cardigan ↗

- collaborated with developers to create a scalable webapp used to run tournaments with 100+ participants
- spearhead the creation of custom UI design resources and functionality using React
- implement full mobile support and styling using Sass CSS
- maintain an open-source codebase on GitHub, conducting frequent reviews and pull requests from contributors

mar. 2018 – present

creative coding

github.com/aemx/mod-releases ↗

- produce original, playable game content using a Lua-based game engine, *NotITG*
- direct high-profile voice talent and artists in teams of 10+ to create compelling visual experiences for thousands online

education

sep. 2020 – may 2022

higher education

Raritan Valley Community College (RVCC) · Branchburg, NJ

Associate of Applied Science, Interface Design and Web Development – GPA: 3.7

- President's List – Spring 2021 & Spring 2022
- Dean's List – all semesters