

Spencer Gunning

multidisciplinary design · programming · computers

contact

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bridgewater, nj
08807

skills

languages

html/pug
css/sass/stylus
javascript/node.js
python
lua
bash
java

tools

adobe creative suite
vscode
git
apache
vegas pro
fi studio
microsoft office suite

technical

pc building/repair
windows 10/11
linux/unix
networking

soft

creativity
adaptability
multitasking
problem solving
presentation

awards

**2022 rvcc student
art exhibition**
selected artist
Acxo Alert

**msu theatre night
awards 2021**
*nominee, outstanding
achievement in editing*
Together/Apart

**njit nce first-year
design showcase
(2017)**
selected presenter
"Incorporating Waypoints
into the Newark Light Rail"

last updated
02 november 2022

relevant experience

it specialist

feb. 2021 -
present

raritan public library · raritan, nj

- design and maintain a new website, accommodating a wide array of user specifications
- design and distribute event flyers, promotional graphics, and eblasts using Adobe Photoshop and Adobe Illustrator
- maintain a secure network of Windows computers, recommending upgrades to hardware and software
- engineer a custom automated framework for website and network maintenance using SSH
- manage personal workloads in a fast-paced environment
- coordinate and oversee virtual programming for adult patrons and board meetings
- assist in hiring process by managing job postings, resumes, and communicating with applicants

level designer

nov. 2019 -
present

lowiro limited · london, uk (remote)

- develop playable content for lowiro's flagship game, *Arcaea*
- apply music theory and game design to create various levels of difficulty across different genres of music

computer technician

aug. 2019 -
jan. 2021

safe haven computers · raritan, nj

- build, diagnose, and repair computer hardware and software in a small business environment
- manage shop storefront independently, handling in-shop/service paperwork and purchase orders
- interface with clients to discuss and quote custom computers

webmaster

sept. 2017 -
may 2019

wjtb radio · newark, nj

- design and maintain a new website, communicating with members and staff to fulfill update requests

undergraduate research associate

june 2017 -
may 2018

njit center for solar-terrestrial research (cstr) · newark, nj

- analyze data from the august 2017 solar eclipse and the effects of high-frequency radio communications; research presented at the 36th annual digital communications conference and published in a geophysical research letter
- lead backend website handling, design, and scoring for the solar eclipse qso party, a ham radio contest

selected projects

creative coding

mar. 2018 -
present

working with NotITG

- 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

freelance multidisciplinary design

apr. 2016 -
present

working on commission

- produce graphics, games, and video/audio edits on commission, ensuring products are up to client standards
- previous clients include the brhs theatre arts department and various online content creators

education

higher education

sept. 2020 -
nov. 2022

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

higher education

sept. 2016 -
may 2018

new jersey institute of technology (njit) · newark, nj

- studied periodically originally intending to pursue a degree in computer engineering
- passed a number of high-level classes including circuits & systems ii, microprocessors, and computer architecture