Spencer Gunning
multidisciplinary design · programming · computers

contact

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skills

languages

html/pug
css/scss/stylus
javascript
python
lua
bash
java

tools

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

technical

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

soft

creativity
adaptability
multitasking
problem solving
presentation

awards

raritan valley community college
dean's list (3.5+ gpa)
fall 2020 - present

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

technical showcase 4 (2020)
finalist
Butterfly Twist

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

last updated
01 february 2022

work experience

feb. 2021 - present
it specialist
raritan public library · raritan, nj
· design and maintain a new website from scratch in a fast-paced environment, built to accommodate a wide array of staff and patron specifications
· design and distribute event flyers, promotional graphics, and eblasts using Adobe Photoshop and Adobe Illustrator
· maintain and service a secure network of Windows computers, recommending upgrades to hardware and software
· engineer a custom automated framework for website and network maintenance using secure shell (ssh)
· coordinate and oversee virtual programming for adult patrons and board meetings
· assist in the hiring of new employees by managing online job postings, resumes, and communicating with applicants

nov. 2019 - present
level designer
lowiro limited · london, uk (remote)
· develop and test playable content for lowiro's flagship game, *Arcaea*
· apply an understanding of music theory and game design to create various levels of difficulty across different genres of music

aug. 2019 - jan. 2021
computer technician
safe haven computers · raritan, nj
· build, diagnose, and repair computer hardware and software in a small business environment
· manage and run the shop's storefront independently, handling in-shop/service paperwork and purchase orders
· interface with clients as the point person for discussing and quoting customized desktop computers for purposes of gaming, media editing, and 3d design/rendering

sept. 2017 - may 2019
webmaster
wjtb radio · newark, nj
· design and maintain a new website from scratch, actively communicating with members and staff to fulfill update requests

june 2017 - may 2018
undergraduate research associate
njit center for solar-terrestrial research (cstr) · newark, nj
· perform data analysis on the august 2017 solar eclipse's effects on the ionospheric refractions in high-frequency radio communications; research presented at the 36th annual arrl/tapr digital communications conference and published in a geophysical research letter
· lead backend website handling, graphic design, and help to score the solar eclipse qso party (seqp), a ham radio contest

selected projects

mar. 2018 - present
creative coding
working with NotITG
· produce original, playable game content using a lua-based game engine, NotITG
· work and direct high-profile voice talent and storyboard artists in teams of 10+ to create compelling visual experiences for an audience of thousands online

apr. 2016 - present
freelance multidisciplinary design
working on commission
· produce graphics, games, and perform video/audio editing on commission
· work with clients to ensure products are up to their standards
· previous clients include the brhs theatre arts department and various online content creators

education

sept. 2020 - present
higher education
raritan valley community college (rvcc) · branchburg, nj
· currently pursuing degree in interface design and web development, expected to graduate in spring 2022

sept. 2016 - may 2018
higher education
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