# thomas leon highbaugh

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## summary

Autodidact web developer and Linux fanatic seeks to broaden knowledge in team bringing sites production.

## education

**as** | **computer science**

las positass | 2018-present
- gpa: 4.0

**cert** | **front end**

codify academy | feburary 2018- may 2018

**ba** | **polisci w/ macroecon**

csu east bay | 2009-2014
- majori gpa: 4.0, gpa: 3.7
- graduated cum laude

## skills

| dev | ops |
|---|---|
| html5 | Linux |
| css3 | Ansible |
| javascript | SSH |
| c++ | Vim |
| c | emacs |
| es6 | KVM |
| es7 | CI/CL |
| python | Docker |
| php | LXC // LXD |
| latex | AWS |
| lua | Netlify |
| react | Digital Ocean |
| java | Azure |
| jsx | openVPN |
| redux | DDNS |
| scss//sass | VPS hosting |
| less | SSL |
| ruby | BASH |
| ruby on rails | Xen |
| typescript | Git |
| JAMstack | LAMP |
| electron | |
| node | |

## experience

### freelance developer

march 2018 - present
- proactively cultivated client relationships
- designed front end web experiences
- crafted literate, comprehensive source code
- deepened knowledge of in demand web technologies

## dev projects

### opitx markdown editor | electron + react + scss

july 2019
- created application to fill personal with novel technology
- investigated autoencoders for unsupervised layer-wise pretraining
- implemented crfs for segmentation post-processing
- created stylish documentation site corresponding to program
- created deb, appimage and rpm packages to distribute the program

### portfolio | gatsby + react + scss + netlify

september 2019
- completely rebuilt portfolio site with power of JAMstack
- crafted fresh take on portfolio site paradigm
- stylized interface intuitively while retaining personal flare
- continiously deployed using power of Netlify

### not another devlog | gatsby + react + scss + netlify

september 2019
- crafted developer blog using powerful JAMstack technologies
- utilized cms properties of Gatsby to simplify maintenance
- created at the same time as portfolio site
- wrote original posts to serve as placeholders while developing site
- styled dark interface with vibrant color highlights to serve as visual cues while still comfortable to read

## devops projects

### dotfiles (desktop && laptop) | linux + makefile + lua

june 2019 (ongoing)
- sought redundant means of restoring system after needing to reinstall
- learned Makefile to install dotfiles efficiently
- eliminated need for Ansible playbooks
- included customized heavily AwesomeWM configuration, written in Lua, including custom keybindings
- insured consistency in style across all programs commonly used
- customized variants for desktop and laptop use
- customized i3 variant featuring customized theme and artwork titled 'Vice'

### manjaro workstation playbook | linux + ansible

october 2019
- learned new technology for provisioning system very quickly
- wrote playbook to provision system according to taste and needs
- playbook includes yay workaround for Arch-based OSes and Ansible's root requirements, using Aura
- wrote additional playbook to provision hypervisor system with for either remote or direct administration as well as VNC access to virtual systems