

Oran Collins

Santa Rosa, California

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Employment Experience

- Tech Support, OchsLabs (part-time) : Nov 2019 – Mar 2020
 - Spearheaded a redesign prototyped for a handheld medical device, circuit layout, and design, lead designer
 - Engineered and built a physical prototype to improve the company's medical device
 - Improved onboarding procedures, by creating large process documents, which removed guesswork, and made it easier to install the companies old, complicated , undocumented software installs
 - Managed and maintained office computers in installing, upgrading, diagnostics
 - Tactfully solved client's complicated issues over the phone
- Full Stack Developer, Wineglassmarketing : Feb 2019 - June 2019
 - Built a professional grade web app backend, improved our production server deployment pattern
 - Pushed my team to improve our git commit strategy and commit regularity, unit testing using Rspec
 - Enhanced my teams development and deployment by creating a custom Docker image which increased ease of deployment, Got up to speed with the ruby languages under 2 weeks
- IT Technician, Santa Rosa Junior College (part-time) : Nov 2017 – Dec 2017
 - Assistaed with solving difficult installation issues for important and fustreated faculty with there broaken pc, and printers
 - Fielded computer diagnostics, printers and laptops
 - Imaged Dell computers : laptop and desktops
 - Created checklists to ensure proper and consistent software install procedures

Expertise

- Languages/Frameworks/Tools : JavaScript, Python, Node.js, Docker
- Languages : Bash, HTML, CSS, C#, Ruby/Rails, C++
- Software/Tools : Linux Command-line,Rails, Git, MongoDB, SQL, Golang, Flask, Express
- Skills : Photoshop/Illustrator, Photography, Video Editing
 - Product Design/Prototyping, Circuit board design, Unity Game Development, Excel, MS Word, Google Docs
- Open Source : p5.collide2d.js: collision detection library

- Added major feature that converts point style to vector style, which opened up a interface to use the library using vectors, created a CI/CD pipeline using github actions to automatically package up the code on every code change, introduced new documentation, and ability to use CDN's with the library instead of downloading it from github manually every time a user wanted to use the library

Education

- Club President Computer Science Club : (2018)
- Introduction to Linux : (2018)
- Cisco Networking : (2016)
- Santa Rosa Junior College : Present - 2023
 - Pursuing a B.S. in Computer Science

Personal Projects

- Wall-E Robot : Small Bluetooth Controlled Tank Bot
 - Controlled over Bluetooth from a computer using software written in C/C++
- Student Parking Lot Tracker : Hackathon 1th place prize College Track - North Bay Make-A-Thon 2017
 - Gave students a way to view the number of available parking spots left in the always packed parking garage
- Text2buy : Hackathon 4th place prize - SFhacks 2018
 - A Craigslist like posting app that only uses SMS texts, for places where high bandwidth mobile data is not available