

Nolan O

Diamond Bar, California, United States

nolan@nrrinc.net

[linkedin.com/in/nolan-o-1a3116184](https://www.linkedin.com/in/nolan-o-1a3116184)

Summary

I'm a programmer with a deep-rooted passion for tackling challenges on a multi-data center scale. My expertise extends from the intricate details of hardware configurations to the subtleties of crafting customer-facing software that seamlessly meets user needs. I'm driven by a genuine love for technology and the satisfaction that comes from transforming complex infrastructures into user-friendly, efficient solutions.

Experience

Lead Developer

NRRINC Media

Apr 2021 - Present (3 years 2 months)

Built text classification models, HTTP APIs, User interfaces, Payment solutions (via stripe) and account PPQ metrics.

information technology and Scan tech

Samaritan's Purse - Operation Christmas Child

Sep 2021 - Present (2 years 9 months)

Since September 2021, I've been an integral part of Samaritan's Purse - Operation Christmas Child (OCC) in Fullerton, CA, juggling roles as a Scanner Technician, Information Technology Technician, and AV Technician. My duties range from maintaining and repairing scanners, printers, and QR codes to providing onsite IT support, setting up equipment like laptops and radios, and ensuring smooth audiovisual operations. Notably, I achieved zero downtime over 28 consecutive days, demonstrating my adeptness in troubleshooting and problem-solving.

In addition to my core responsibilities, I've spearheaded side projects to enhance efficiency and streamline processes. One standout project is the development of the "No Scan" app, leveraging Python, OpenCV, NumPy, and OCR to repair damaged QR codes. This innovation significantly improved scanning accuracy, validated through Samaritan's Purse's public Shoebox API. Furthermore, I've devised strategies to expedite printing and reduce login times for Honeywell scanners, showcasing my dedication to optimizing operational workflows and improving overall efficiency. Looking forward, I'm focused on planning strategies for future seasons and creating comprehensive documentation to aid in scanner maintenance and prevent misprints, contributing to the seamless execution of OCC's mission.

Licenses & Certifications

 **GED® Credential** - GED Testing Service

Skills

Front-End Development • Transformers • Python (Programming Language) • Back-End Web Development • MySQL • VMware • Linux • pfSense • JavaScript • PHP