JUAN-LUKE KLOPPER

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EDUCATION

Bachelor's of Science in Information Technology

North-West University

2019 - 2022

SKILLS

Linux (BASH)

JavaScript

HTML & CSS

Python

C#

Java

Solidity

Other technologies

React.js, Netlify, Github, Ethers.js, Svelte, Arduino, VS code, Haskell, Delphi, Scratch, Three.js, Node.js, Home Assistant, Nix, Google cloud platform, ESPHome, IPFS.

PERSONAL STATEMENT

Software developer with 6 years of experience between academia and real world projects, I have utilized various different programming languages and frameworks to design, develop, host, and maintain applications and websites. I enjoy solving problems, automating tasks and exploring new technologies.

WORK EXPERIENCE

Part-time Software Developer @ Overhaul Development
June 2021 - current

Analyze information to determine, recommend, and plan installation of a new system or modification of an existing system.

PROJECTS

Automated irrigation IOT system

I have planned and built an IOT system for Querencia organic snails SA. This system is composed of a Raspberry pi 4 with a custom web dashboard, multiple Sonoff WiFi switches, solenoids, custom data-logging devices made using ESP32 microcontrollers, and has remote access.

Juan-lukeKlopper.netlify.com

3D galaxy themed project portfolio created using three.js, Github and hosted on netlify.

freeknowledgedao.netlify.com

Web3 application that acts as a custom membership NFT minter and a DAO dashboard. Deployed to Ethereum's rinkeby testnet created using React.js, Thirdweb.js, Github and hosted on netlify.