

# Wilfrantz Dede

C++ developer / Linux SysAdmin.

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## Professional Experience

### **Software Engineer intern (Remote) - Mouse Paw Media**

May 2020 – June 2021

- Contributed to improving the benchmark library by performing refactorings and debugging.
- Supported task automation with practical bash and python scripts.
- Assisted Linux server maintenance, virtualization, and configuration with technologies like KVM
- Aided DevOps operation by administering repository server and managing repositories.
- Contributed to the scope of knowledge with documentation and development planning.

### **User Support Trainer - TRIGYN (United Nations)**

Oct 2014 – August 2020

- Maintained service accessibility by assisting users with network, hardware, and software issues.
- Assisted fast deployment of new computers with Operating System image creating technology.
- Preserved and secure data with prompt image backups, restorations, and data transfer.
- Oversaw IT equipment performance with technical evaluation, troubleshooting, reparations.
- Maintained IT help desk efficiency by filtering and assigning issues in the ticketing system.

### **Broadcast technician - BINUCA/MINUSCA (United Nations)**

Dec 2012 – Oct 2014

- Enforced broadcast scheduling with automation software.
- Ensured broadcast transmissions from remote locations with well aligned antennas with dishes
- Supported recording sessions by maintaining studio booths in remarkable standards
- Maintained flawless broadcasts by regularly regulating audio equipment sound quality
- Assured smooth functioning of the station by testing, maintaining, repairing equipment, and integrating new systems.

## Education

### **B.S. in Computer Science**

University of Massachusetts, Lowell, MA.

Anticipated Summer 2023

### **Certificate UNIX/Linux Operating Systems**

University of Massachusetts, Lowell, MA.

February 2022

## Project

Currently maintaining a C++ application that scans 300,000 expired domain names, daily, extracted from the Estibot.com API. The process is fully automated to parse CSV and Json data to sort domain names by keyword length, domain extension and after market value before placing backorders on 3 different registrars.

## Technical Skills

- Strong computer networking experience configuring DNS, DHC, firewall, IP, hostname etc...
- Knowledge of computer hardware life cycle: installation, maintenance, and decommission.
- Distinct familiarity with IT infrastructure, servers, cabling, power systems and cooling equipment
- Experience with building Bash and Python scripts for systems automation and data manipulation.
- Experience in designing libraries and implement features with memory-safe code in C and C++
- Proficient Systems administration, LAMP, SSH, LDAP, Let's Encrypt, log files, IP and port filtering.