

Rolly Jr. Casuga

232 SLU-SVP Newsite Bakakeng Baguio City 2600
linkedin.com/in/rollyjrcasuga | 0945.962.5039 | rjcasuga18@gmail.com

EDUCATION

LORMA COLLEGES

BS IN COMPUTER ENGINEERING

May 2019 | City of San Fernando, La Union, Philippines

College of Computer Science and Engineering

LORMA COLLEGES SPECIAL SCIENCE HIGH SCHOOL

Grad. March 2013 | Urbiztondo, San Juan, La Union, Philippines

LORMA GRADE SCHOOL

Grad. March 2011 | Urbiztondo, San Juan, La Union, Philippines

SKILLS

TECHNICAL SKILLS

Javascript • Linux Bash • Python • Java
Github • Regular Expressions • HTML
CSS • PHP • MySQL • JQuery
Bootstrap • Node.js • Express • Flask
Heroku • Netlify • MongoDB • Adobe
Illustrator • Filmora • Unifi Network
Android Studio • SQLite • Hardware
Troubleshooting

SOFT SKILLS

Teamwork • Leadership • Good relations
Resourceful • Punctual

LANGUAGES

English • Tagalog • Ilocano (Native)

RESEARCH

RASPBERRY PI INTEGRATED MICROSCOPE | TEAM LEADER

AND RESEARCHER

Jan 2018 – Dec 2018 | Lorma Colleges, La Union, Philippines
Worked with my team and led the development of **Raspberry Pi Integrated Microscope**, a digital microscope that serves as a teaching microscope inside a classroom laboratory.

SEMINARS CONDUCTED

1st National Conference on Computing, Engineering and Business 2018

EXPERIENCE

LIVEI.COM | TEAM LEADER AND SOFTWARE DEVELOPER

Jan 2020 - Dec 2020 | Baguio City, Philippines

- Set up VOIP server, Failovers, Load Balancer Server, VPN server, NAS server and cloud storage server (FreePBX, RasPBX, Kamailio, Keepalived, OpenVPN, OpenMediavault, Nextcloud, DigitalOcean)
- Secure and monitor Unifi Network, in charge in server accounts and passwords (Unifi Controller, Google Sheets, Google Suite)
- Secure and configure linux servers (Raspbian, Ubuntu, Centos, ufw, iptables, OpenVPN)
- Configure High Availability setups and auto back ups (Rsync, Lsyncd, Linux Script, Crontab)
- Develop a temperature monitoring web app (Flask Framework, Python, Raspberry Pi 4, PiSense)
- Develop ecommerce stores (Wordpress, Woocommerce, Authorize.net Payment, Raspbian)
- Develop login UI, registration UI, email verification, mail template, responsive designing, and database querying of Livei.com website (HTML, CSS, Javascript, Bootstrap, JQuery, AJAX, PHP,MySQL, LEMP Stack)
- Train new employees with the existing setups. (Unifi Network, Voip Server, RTMP Server, FFmpeg Streamer, Vmix)
- Modify Open Source Projects (TigerVNC, NextCloud)
- Work on Face Recognition (Python, OpenCV, Nvidia Jetson Nano, Xavier NX)
- Remote Linux Servers and Desktop (SSH, Termius, Putty, TightVNC, TigerVNC, RealVNC, Teamviewer)
- Secure servers with SSL (HTTPS, Certbot, Letsencrypt)
- Set up Docker LEMP (Docker, Digital Ocean Droplet, Raspberry Pi 4)
- Set up Web Server LEMP (Linux, Nginx, mySQL/Mariadb, PHP, Digital Ocean Droplet)
- Set up Live Streaming Server and Client (RTMP, Nginx, Digitalocean Droplet, FFmpeg, Vmix, Raspberry Pi, Raspicam v2, Raspicam HQ, Nvidia Jetson Nano, Xavier NX)
- Set up Unifi Network (Unifi Controller, Firewall (USG), Switch, Access Point, Digital Ocean Droplet)

CENTIOLE SYSTEMS INC. | DATA MINER

Sep 2019 – Dec 2019 | City of San Fernando , La Union, Philippines

- Gather leads online, submitting collected data to the company server. (Linkedin, Sales Navigator)

DOST - LA UNION PROVINCIAL OFFICE | INTERN

Jan 2019 – May 2019 | City of San Fernando , La Union, Philippines

- Developed PROJMON Mobile App, responsible for business client's submission of monthly sales report details. (Java, Android Studio, SQLite).
- Video Editing and Graphic Design (Adobe Illustrator, Filmora)
- Computer hardware troubleshooting.

AWARDS

2019 Best Design Project (**Raspberry Pi Integrated Microscope**)
2019 CHED-PESFA Scholarship