

James Carlo Magbuhos

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<https://magbuhosjames.github.io/>

Summary

Highly motivated computer engineering graduate seeking an entry-level position to contribute technical expertise and drive innovation in the field of computer engineering.

Experience:

- 7+ years of experience as the owner of CPR Services (CARLO's Phone Repair Services) in Poblacion, San Teodoro, Oriental Mindoro.
- Technician with intermediate level skills in repairing and replacing malfunctioning components, such as screens, batteries, and keyboards.
- Proficient in de-soldering and re-soldering components.
- Experienced in installing and configuring operating systems, drivers, and software applications.
- Demonstrated excellent customer service skills and effective communication to ensure client satisfaction.

Skills:

- Technical knowledge: computer systems, algorithms, data structures, operating systems.
- Problem-solving: analyze/troubleshoot technical issues, develop solutions.
- Teamwork: collaborate effectively in a team environment.
- Adaptability: quick learner, flexible to changing requirements.

Career Highlights:

- Successfully operated CPR Services for over 7 years, providing top-notch phone repair services to customers.
- Established a reputation for delivering high-quality repairs and excellent customer service, resulting in a loyal client base and positive word-of-mouth recommendations.
- Actively participated in a virtual internship program at the Institute of Computer Engineers of the Philippines (ICpEP) in the Cloud Department, focusing on AWS (Amazon Web Services) technology.
- Collaborated with a team to implement AWS cloud computing solutions and actively contributed to virtual meetings and discussions with industry professionals.
- Completed the Cisco CCNA Course I-IV, enhancing networking knowledge and skills.

Experience



Technician - Intermediate Level

CPR Services (CARLO's Phone Repair Services)

Jan 2016 - Present (7 years 8 months)

www.facebook.com/cprsvcs

- Microsoldering and replacing small ICs (Integrated Circuits) and SMD (Surface Mount Device) components.

- Repairing or replacing malfunctioning components, such as screens, batteries, keyboards, charging ports, and other hardware parts.
- Upgrading hardware components, including RAM, storage drives, graphics cards, and other internal components.
- Troubleshooting and resolving software issues, system crashes, slow performance, error messages, and other software-related problems.
- Setting up and configuring networks, routers, wireless devices, and ensuring seamless connectivity.
- Virus and malware removal to ensure a secure and clean system free from malicious threats.
- Providing expert consultations for tech purchases and tailored recommendations based on your specific needs.
- Offering preventive maintenance services to optimize the performance and longevity of your devices.
- Assisting with printer setup, driver installation, and troubleshooting for smooth printing operations.
- Providing remote support for quick and convenient assistance, no matter where you are.



Project Consultant | Embedded System Project

Freelance

Jan 2023 - Present (8 months)

Project Bantay: A Microcontroller-based Automatic Crop Protection System Utilizing PIC Microcontroller and Motion Sensor with SMS Notification (Arduino)

- Programming microcontrollers to activate deterrent mechanisms in response to detected motion
- Testing and optimizing crop protection system for real-world reliability and effectiveness
- Providing technical documentation of the implemented system

Smart Irrigation System (Arduino)

- Conducting thorough research and analysis to identify optimal components and sensors
- Programming Arduino boards to automate irrigation processes based on soil moisture levels
- Providing technical guidance and support to clients during the installation and setup



Cloud Engineer

ICpEP R11 - Institute of Computer Engineers of the Philippines

Mar 2023 - Jun 2023 (4 months)

- Actively engaged in a virtual internship program in the Cloud Department, focusing on AWS (Amazon Web Services) technology.
- Collaborated with a team to implement AWS cloud computing solutions.
- Participated in virtual meetings and discussions to exchange knowledge and ideas with fellow interns and industry professionals.
- Assisted in documenting findings and insights related to AWS cloud-based technologies.

Education



St. Anthony College of Calapan City Inc.

Academic Track- Science, Technology, Engineering, and Mathematics, STEM

2017 - 2019

Grade: 93 | With Honors



Batangas State University

Bachelor of Engineering - BE, Computer Engineering

Aug 2018 - Aug 2023

Grade: 1.6462 GWA

Skills

Computer Repair • AWS CloudFormation • Amazon ECS • Ubuntu • Troubleshooting • Machine Learning • Arduino • Python • Java

Honors & Awards



TOP 7 Outstanding Student - Batangas State University CURSOR Organization

Jan 2023