KENT CARLO B. AMANTE

Address: Verano 2 Banawa Cebu City
Phone: 09498569537
Email: carloamante125@gmail.com
Portfolio: https://skca01.github.io/Kent-Portfolio/

SUMMARY

Electronics Engineering graduate with a strong passion for programming and developing real-world solutions. Experienced in embedded systems, microcontroller programming, and circuit design. Driven by a love for technology and continuous learning, with a proven ability to adapt, collaborate, and solve problems in electronics, IoT, and IT-related environments.

WORK EXPERIENCE

Biomedical Engineering Intern, UCMed – University of Cebu Medical Center   June 2024 – July 2024

- Supported the maintenance and calibration of medical devices, ensuring equipment reliability and patient safety.
- Assisted biomedical engineers in troubleshooting, documentation, and preventive maintenance of hospital equipment.
- Gained hands-on experience in hospital-grade electronics, aligning technical skills with real-world healthcare applications.

Freelance Arduino Developer   2024 – 2025

- Designed and developed custom Arduino-based systems, including automation projects, sensor modules, and wireless communication setups.
- Delivered end-to-end project solutions—from schematic design to programming and testing—tailored to client needs.
- Utilized platforms such as ESP32 and various sensors to create innovative electronics prototypes, enhancing efficiency and user functionality.

EDUCATION

SENIOR HIGH SCHOOL: 2019-2021
Ramon Duterte Memorial NATIONAL HIGH SCHOOL

- TVL - Electronic Products Assembly and Servicing (EPAS), EPAS NC II
- With Honours

Bachelor of Science in Electronics and Communications Engineering   2021 – 2025
University of Cebu – Main Campus

- Relevant Coursework: Microcontroller Systems, Digital Electronics, Communication Systems, Circuit Theory, Embedded Systems Programming

ADDITIONAL INFORMATION

- **Technical Skills:**
  - **Programming:** Hands-on experience with C++ (Arduino freelance projects); working knowledge of Java, Python, HTML, CSS, and JavaScript.
  - **Microcontrollers:** Hands-on experience with Arduino and ESP32
  - **Electronics:** Circuit design, troubleshooting, and beginner-level CAD for electronics
  - **Networking:** Familiar with basic networking concepts and CISCO technologies
  - **Systems:** Exposure to IoT applications and embedded systems development