MELVIN C. BONDE
COMPUTER ENGINEERING

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CAREER OBJECTIVE

To establish a career in engineering where I can demonstrate and apply my acquired skills and knowledge to contribute to the organization's development, achieve its objectives, and foster innovation.

EDUCATION

- **Laguna State Polytechnic University – Santa Cruz Campus**
  Bachelor of Science in Computer Engineering
  2020 – 2024

- **Harvard University – Cambridge Massachusetts**
  CS50x: Introduction to Computer Science, Online Course
  View Certification

THESIS / PERSONAL PROJECTS

MCU - Based Rice Vermicelli Noodle Processing Machine
A design project involving a microcontroller unit (MCU) integrated system to automate the rice vermicelli noodle production process. The project includes developing a control system to manage key stages such as dispensing, mixing, extruding, cutting, and drying, thereby reducing manual labor.

Sales Tracker
A web application designed to manage and monitor sales and profits of small to medium stores. It aims to records daily sales, tracks inventory, and provides data visualization through charts.

Social Networking Platform
A platform similar to X (formerly Twitter) with functionalities for posting text-based content, following other users, and liking posts. The platform is paginated to ensure efficient loading and navigation.

Emailing System
A single-page email client application with API integration for sending, receiving, replying to, and archiving emails. The system provides a simple way to manage email communication with a clean interface and functionality.

E - Commerce Auction Platform
An auction platform for buying and selling items, featuring active item listings, item categories, real-time bidding, user comments, and a watchlist. The platform enhances user experience by organizing items into categories for easier navigation.

WORK EXPERIENCE

Application Development Intern | Creotec Philippines, Inc. | 03/14/2024 - 05/16/2024

Job Details: The internship aimed to contribute to the development of a mobile application for Drone Soccer Competition, enhancing the scoring process for referees. Responsibilities included collaborating with senior developers to test, troubleshoot, and resolve software issues, while gaining hands-on experience with Unity, C#, and phpMyAdmin.

KNOWLEDGE, SKILLS AND ATTITUDE

As a recent graduate of Computer Engineering from LSPU – SCC, I have developed a strong foundation in both technical and soft skills essential for the computing profession. Through hands-on projects and a commitment to outcomes-based education, I have acquired and can demonstrate knowledge in the following areas:

- Programming Languages (JavaScript, Python)
- Web Development (HTML, CSS, Bootstrap, Django, Git, React.js, Tailwind)
- Database Management (MySQL, SQLite, phpMyAdmin)
- Embedded Systems (Arduino, Raspberry Pi)
- Microsoft Office (Word, Excel, PowerPoint)
- Approachability, Adaptability, and a Positive Attitude
- Effective Problem-Solving and Time Management Skills
- Strong Ability to Learn Quickly and Manage Multiple Tasks
- Collaboration and Communication in Team Environments
- Eagerness to Grow Through Feedback and Constructive Criticism
- Understand Professional, Ethical, and Social Responsibilities