

JOHN PAUL DASIG

COMPUTER ENGINEERING

Technological Institute of the Philippines (TIP) M

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CAREER OBJECTIVE

To leverage my technical knowledge and skills in Computer Engineering to contribute to innovative projects and gain practical experience in the field. Seeking opportunities that will allow me to apply my expertise in software development, hardware design, and problem-solving to make a meaningful impact in the technology industry. Eager to collaborate with industry professionals, enhance my skills, and continuously learn in a dynamic and challenging environment.

DESIGN PROJECT COMPLETED/ RESEARCH

Online Ordering and Chatbot-based Customer Inquiry System for Mightea Milktea
Developed a comprehensive web application for a milk tea store, integrating online ordering functionality and a chatbot-based customer inquiry system. Utilized the Chat GPT API to implement a conversational chatbot on the store's website, enabling customers to ask questions, receive automated responses, and place orders seamlessly. Integrated SMS API keys, Google Maps API key, and Geocode API key for functionalities such as order notifications, location-based services, and address validation. Implemented a multi-language stack, including PHP, Pearl, CSS, JavaScript, Node.js, and React.js, to ensure an efficient and user-friendly interface. Employed PHPMyAdmin as the backend database management system, ensuring data integrity and efficient retrieval. Ensured robust account system security by implementing Argon2 for hashing passwords, safeguarding customer information and protecting against unauthorized access.

ON-THE-JOB TRAINING/ PRACTICUM/ INTERNSHIP EXPERIENCES

- Lab Technician
Medical Center Trading Corporation
Pioneer Street corner Shaw Boulevard Pasig
February 08, 2021 - May 21, 2022
 - Assisted medical technologists with diagnostic procedures, ensuring accurate and timely results.
 - Prepared lab equipment and handled samples for analysis, following strict labeling and storage protocols.
 - Performed routine lab tests and maintained quality control of instruments and procedures.
 - Managed lab inventory, ordering supplies to ensure efficient operations.
 - Recorded and entered data into lab systems, troubleshooting equipment issues as needed.
- Web Developer
Unified Internship Program Inc
E&V Building, 1039 Quirino City
September 27, 2024 - November 29, 2024
 - Collaborated on the development of a Preboarding and Offboarding System using Tailwind CSS and Laravel.
 - Took on leadership responsibilities, managing a team of interns, conducting weekly meetings, and assigning tasks to meet project deadlines.
 - Contributed to backend development, particularly CRUD operations, and ensured seamless UI/UX implementation.
 - Coordinated code sharing and team collaboration through GitHub repositories.
 - Delivered a fully functional website system that met company requirements ahead of schedule.

KNOWLEDGE, SKILLS AND ATTITUDE

As a student of Computer Engineering at TIP, with a focus on outcome-based education, I have developed the following competencies essential for the computing profession:

- Analyzed complex problems and identified computing requirements appropriate for solutions.
- Utilized modern techniques and tools in the computing practice for handling complex activities and projects.
- Gained a strong understanding of professional, ethical, legal, security, and social responsibilities relevant to computing.
- Completed coursework that emphasizes practical, hands-on experiences in solving real-world computing challenges.

LEADERSHIP ACTIVITIES

Team Leader, Software Design Project (2023)

- Led a team of five members in developing a real-time traffic monitoring system using computer vision techniques.
- Assigned tasks, managed project timelines, and ensured effective communication within the team.
- Presented project progress and results to faculty advisors and industry sponsors.
- Mentored team members in technical aspects of computer vision, programming languages, and software development best practices.
- Organized demonstrations and presentations to showcase the functionality and benefits of the real-time traffic monitoring system.
- Prepared project documentation, including technical specifications, user manuals, and system architecture diagrams.
- Delivered the project on time with comprehensive documentation and system architecture. **Team Leader, Software Design Project (2023)**

Team Leader, Preboarding and Offboarding Website Development (Internship, 2024)

- Managed a team of interns to successfully develop a Preboarding and Offboarding System using Tailwind CSS and Laravel.
- Conducted weekly meetings to assign tasks, align team goals, and ensure timely progress.
- Created performance evaluation charts to track team productivity and identify areas for improvement.
- Set up a shared GitHub repository for efficient collaboration and organized code management.
- Provided guidance and troubleshooting support to team members for backend CRUD operations and UI/UX enhancements.
- Ensured the project met the company's requirements and was completed ahead of schedule, ready for deployment.

SEMINARS AND TRAININGS ATTENDED

- Python Programming
ICTC Phase 1 and 2, PUP, Sta Mesa, Manila
January 19, 2017
- Microsoft Community
Bulwagang Balagtas, PUP, Sta Mesa, Manila
January 21, 2023
- Satellite Technology DIWATA
Bulwagang Balagtas, PUP, Sta Mesa, Manila
January 21, 2023
- Basic Occupational Safety And Health Training S02 40h
Seminar Rm. Arlegi St. TIP Manila
May 20, 2023
- Agrithink!: Developing Agricultural Solutions for a Sustainable Agriculture Industry
Technological Institute of the Philippines - Manila
June 22, 2023
- AloT+: Unleashing Machine Learning in IoT
Technological Institute of the Philippines - Manila
July 12, 2023
- ccnv7: Enterprise Networking, Security, and Automation
Technological Institute of the Philippines- Manila Campus

August 23, 2023

OTHER SKILLS

- Strong problem-solving and analytical skills
- Excellent verbal and written communication skills
- Proficient in project management and team coordination
- Ability to work effectively in a collaborative team environment
- Strong attention to detail and accuracy in task execution
- Experience in software testing and debugging
- Familiarity with Agile development methodologies
- Knowledge of version control systems (e.g., Git)
- Understanding of database management and SQL querying
- Familiarity with cloud computing platforms (e.g., AWS, Azure)
- Proficiency in data analysis and visualization tools (e.g., Excel, Tableau)
- Understanding of network protocols and configurations
- Experience in front-end and back-end web development
- Familiarity with mobile app development frameworks (e.g., React Native)
- Knowledge of cybersecurity principles and best practices
- Proficiency in using design and wireframing tools (e.g., Adobe XD, Sketch)
- Strong time management and organizational skills
- Adaptability and ability to quickly learn new technologies and programming languages

REFERENCES

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