

MUMPHRY CAPARAS

COMPUTER ENGINEER

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SUMMARY

Driven Computer Engineering graduate from Bulacan State University with a practical approach to engineering challenges. While actively developing programming skills, I leverage a solid understanding of hardware-software integration and problem-solving methodologies. My commitment to rapidly expanding coding proficiency and technical expertise fuels my desire to contribute to creative technological solutions and thrive in fast-paced, challenging environments.

EDUCATION

Bachelor of Science in Computer Engineering Sept 2021 - July 2025
Bulacan State University - Malolos, Bulacan

WORK EXPERIENCE

Database Administrator and Technical Support (Intern - Part Time) June 2024 - October 2024
at Allied Care Expert (ACE) Malolos Doctors Hospital

- Provided essential IT and technical support, ensuring smooth operation of hospital systems.
- Assisted in troubleshooting hardware and software issues, contributing to efficient workflow.
- Gained practical experience in a fast-paced, critical environment, developing problem-solving skills under pressure.
- Collaborated with the IT team to maintain network integrity and support end-users, enhancing my understanding of real-world IT operations.

PROJECTS

EyeSee: Development of a Low-Cost Lens System for Self-Vision Assessment October 2024 - April 2025
Thesis Project – Hardware and Software

- Designed and developed an affordable, user-friendly lens system aimed at assisting individuals in rural areas with self-administered vision assessments.
- Integrated hardware (Raspberry Pi, stepper motors, custom lens disk) and software (Python GUI) for a fully functional prototype.
- Focused on accessibility, usability, and adaptability to rural healthcare initiatives.
- Tested through community outreach programs in partnership with local health initiatives in Bulacan.

SKILLS

Programming	Adaptability	Creativity
Computer Literacy	Communication Skills	Team Collaboration

ADDITIONAL INFORMATION

- **Language:** English, Filipino.
- **Certifications Courses:** Ethical Hacking, Information Representation and Data Organization, Overview of AI
- **Organizations:** MEMBER, ICpEP.SE BuISU and Region 3 (2021-2025).