



PHAM QUANG PHUC

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Education

Vietnam Maritime University

BSc in Information Technology.

GPA: 3.28/4.00

HaiPhong, VietNam (10/2020 - 07/2024)

Prizes

Prospective prize in Data-centric AI Competition 2021 (FPT Software)

- Developed a face mask recognition system during the Undergraduate Scientific Research program (2021–2022).
- Utilized ArcFace for facial identity recognition and implemented data augmentation techniques for improved model accuracy.

Consolation prize in University-level undergraduate research 2022 – 2023

- Created a fire detection system utilizing security cameras and YOLOv8.
- Optimized detection accuracy with hyperparameter tuning and real-world application testing.

Scholarship for the academic year 2022–2023

Outstanding student award for scientific research 2022-2023

Experiences

UNIVERSAL SCIENTIFIC INDUSTRIAL VIETNAM

Industry 4.0 Engineer (07/2024 - present)

- **Managed Continuous Improvement Projects (CIP)** for production lines, collaborating closely with customers and cross-functional teams to enhance **performance** and ensure **product quality**. Key responsibilities included:
 - **Discussing and aligning project objectives** with customers, focusing on improving **UPH**, **yield rate**, increasing **automation levels**, and enhancing **product quality**, followed by **updating project progress** with customers as scheduled.
 - **Coordinating with internal departments** to prepare for **audits**, implement **corrective actions**, and improve **production processes**.
 - Despite investments in **automation** and **workforce**, implemented **cost-saving** actions during production ensured a **payback period** of under **one year**.
- **Liaised with engineering teams and clients** to ensure successful execution of projects.
- **Developed custom software** for **factory digitalization** based on client and company requirements.

IT Intern (01/2024 – 04/2024)

- Developed tools to optimize shopfloor IT operations and enhance testing processes for Web APIs.
- Created secure scripts for data synchronization between local servers and SFTP environments.

VNNET

Mobile developer intern (08/2022 - 11/2022)

- Developed frontend applications for water supply management systems
- Gained hands-on experience in software project workflows and team collaboration.

Key Achievements

- Successfully improved **UPH and yield rate by 20%** through optimized automation processes and systematic production line adjustments.
- **Coordinate** with **departments** to implement **improvements**, saving **15% of costs** and ensuring a **payback period** under **one year** for **automation investments** per **customer request**.
- Built **strong customer relationships**, maintaining a **95% satisfaction rate** in post-project evaluations.

Skills

Project Management Skills

- **Experienced in project management**, with expertise in **planning**, **timeline management**, and **risk assessment** to ensure successful project delivery.
- **Strong communication skills**, including clearly conveying **objectives**, **updates**, and **expectations** to stakeholders, and **active listening** to understand **team concerns** and **client needs**.
- **Knowledgeable in methodologies** like **Waterfall**, **Agile**, and hybrid approaches, applying the **best practices** for various projects.
- **Proficient in leveraging tools** to enhance project management efficiency and execution.
- **Skilled in managing Continuous Improvement Projects (CIP)** to drive process optimization and performance.

Technical Skills

- **Programming:** Proficient in web development and application design.
- **Data Integration:** Experienced in real-time data exchange and optimization for Industry 4.0.
- **Simulation Tools:** Skilled in FlexSim, SketchUp for production line efficiency modeling.

Soft Skills

- **Analytical and problem-solving skills**, addressing complex challenges effectively.
- **Communicate seamlessly**, bridging gaps between **technical and non-technical stakeholders**.
- **Collaborative and team-oriented**, fostering a productive and supportive work environment.
- **Adaptable and dedicated to continuous learning**, staying updated with evolving industry trends.

Languages

- English: 600 TOEIC

Certifications

Microsoft Office Specialist Word 2013

Microsoft

Microsoft Office Specialist Excel 2013

Microsoft

Project Management Foundation

LinkedIn