

YUJIE CHEN

INCOMING PH.D. STUDENT

Computer Science, Youngsan University
University-Level Instructor Candidate
Chinese-Language CS & AI Teaching

CONTACT

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South Korea / China

KEY PROFILE

4 YEARS

Teaching Experience

~11

Universities Served

1,000+

Learners Supported

4.4 / 4.5

M.S. GPA

TECHNICAL STRENGTHS

- Python / PyTorch / OpenCV
- YOLO / Training & Evaluation
- Computer Vision / Deep Learning
- Low-Light Vision / Object Detection
- Experiment Automation / Git

LANGUAGES / CERTIFICATIONS

- Mandarin Chinese: Native; full instruction
- English: Duolingo 90; academic reading/writing
- Former Huawei Certified ICT Instructor; HCIA/HCIP

CV

Computer Science | Artificial Intelligence | Chinese-Language Instruction

PROFILE

Incoming Ph.D. student in Computer Science at Youngsan University (starting September 2026) with four years of university-level and professional teaching experience. Former Senior Software Instructor who independently designed and delivered complete semester-long courses, including lectures, laboratories, assignments, examinations, grading, and project supervision. Experienced in Chinese-language instruction across approximately 11 universities and corporate programs. Seeking opportunities to independently teach undergraduate or graduate computer science courses at Youngsan University.

EDUCATION

Youngsan University	Incoming Ph.D. Student in Computer Science Research areas: Computer Vision, Low-Light Vision, and Object Detection Advisor: Prof. Minpo Jung	Sep 1.
Youngsan University	M.S. in Computer Science GPA: 4.4/4.5 Thesis: A Study on Deep Learning-Based Low-Light Image Enhancement Advisor: Prof. Minpo Jung	Aug 13.
Concord University College, Fujian Normal University	B.Eng. in Computer Science and Technology	2015-20

TEACHING & PROFESSIONAL EXPERIENCE

Fujian Guoke Information Technology Co., Ltd. | Senior Software Instructor | Fuzhou, China | Nov 2019-Oct 2023

- Independently designed and delivered semester-long university courses, covering curriculum planning, lectures, laboratories, assignments, examinations, grading, and student project supervision.
- Taught Java, Spring Boot, microservices, distributed systems, big-data technologies, and software projects to 1,000+ learners across approximately 11 universities, including Huaqiao University, and corporate programs.
- Independently developed a big-data training curriculum for State Grid Corporation of China and delivered training at its Fuzhou headquarters for employees from across Fujian Province.
- Contributed to backend development, system architecture, intern mentoring, coding standards, project delivery, and technical team coordination using Java, Spring Boot, databases, and Vue.

RESEARCH EXPERIENCE

DOLENet: Detection-Oriented Low-Light Enhancement | Journal Manuscript in Preparation | First Author | 2026-Present

- Develop counterfactual vulnerability supervision and conservative tri-state residual routing to improve low-light object detection while protecting reliable decisions and suppressing risky background changes.
- Conduct multi-seed YOLOv8/ExDark experiments, gradient-conflict analysis, routing audits, and TP/FP/FN error analysis; Prof. Minpo Jung serves as advisor and corresponding author.

Master's Thesis: A Study on Deep Learning-Based Low-Light Image Enhancement | 2025-2026
• Investigated zero-reference learning, local illumination balancing, shadow recovery, and efficient image restoration without increasing inference cost.

COURSES PREPARED TO TEACH

Programming & Software Engineering Java, OOP, Spring Boot, web backends, databases, microservices, software projects, and Git.	AI & Intelligent Systems AI, machine learning, natural language processing, PyTorch, research projects, computer vision, and image processing.
Computer Systems Algorithms, operating systems, computer architecture, distributed systems, and systems fundamentals.	Data & Emerging Technologies Big data, Spark, data-processing workflows, blockchain technologies, and project-based practical training.

ACADEMIC HIGHLIGHTS

- M.S. GPA: 4.4/4.5; received a 50% merit-based tuition reduction at Youngsan University.
- Duolingo English Test: 90 (valid) B1; journal manuscript in preparation as first author.

Updated August 2026