LIN HLAING

FAIRFIELD, Iowa 52557 • 641-233-9543 • linhlaing@outlook.com
https://www.linkedin.com/in/lin-hlaing/

AI Engineer (PYTHON)

Skilled AI developer with more than 2 years of experience developing AI programs using Python, TensorFlow and Keras. A solid history of developing object detections and image processing using machine learning in Japan Company. Developed scalable and maintainable web applications through the complete Software Development Life Cycle with Agile methodologies. Proficient in using technologies such as Java, Spring boot, Hibernate, REST, and PostgreSQL.

SDLC • Web Services • Version Control • Object-oriented programming
Problem-Solving • Database Development
Data Structures and Collections • Dependency Injection • Image Processing

Languages: Java, Python
Web: HTML, CSS, Thymeleaf, Bootstrap, JavaScript
Web Services: REST API
Web/App Servers: Apache
Frameworks: Spring boot, Hibernate, Django
Databases: MySQL, PostgreSQL
Design Patterns: Singleton, Command, State, Strategy, Observer, Template, Adapter, Factory, Proxy
SDLC: Agile / Scrum
Tools: Maven, Eclipse, IntelliJ, Visual Studio Code, Visual Studio, Google Colab, Postman, Git, StarUML
Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

GLOBAL WALKERS (MYANMAR) CO., LTD, Yangon, Myanmar • 08/2022 – 11/2022
AI Development Company.

AI Engineer
Developed data science projects.
- Utilized YOLOv5 to configure and use AI for detecting items left behind within a building resulting in improved data and high accuracy.
- Trained the system for item detections using YOLOv5 with a high accuracy of over 90% and supported the customization model.
- Validated the results using multiple testing methodologies ensuring accuracy of over 90%.
- Implemented the object classification using YOLOv5 model resulting in high accuracy and identifying the object quickly and efficiently.
- Collaborated with team members on new ways to build features.

Technologies Used: Python, YOLOv5, Keras, TensorFlow

MATSUSAKA E.D.P CENTER CO., LTD, Matsusaka, Japan • 05/2020 – 02/2022
Web Development Company.

Software Developer
Built websites and developed data science projects.
- Troubleshooted and analyzed existing Tax Payment System performance using C# resulting in improved system performance and user experience.
- Developed the website using Django and PHP resulting in better performance and improved user experience.

- Developed object detection using Keras, TensorFlow, OpenCV, and Wpod-net model resulting in a high accuracy of 95%.
- Developed character recognition using Keras, TensorFlow, OpenCV, and KNN model resulting in a high data accuracy and used for object detection.
- Developed the object classification using YOLOv3 model with high accuracy and support customization model.
- Developed Speech Recognition Using the Web Speech API.
- Trained YOLOv3 detection models with different datasets resulting in improved data accuracy.

Technologies Used: *Python, Java, Keras, TensorFlow, OpenCV, Django, YOLOv3 , NumPy, HTML, CSS, Bootstrap, JavaScript*

INTERNSHIP EXPERIENCE

SUN MELX CO., LTD., Roppongi Minato-ku, Japan • 07/2019 – 03/2020
Software development Company.
Software Developer Intern
Implemented the Detection of social groups in crowd project with team.
- Technical Analysis with other developers on project requirement.
- Researched the dataset for testing
- Implemented the Python code to build the codebase.
- Validated the outcomes through rigorous testing

Technologies Used: *Python, Keras, TensorFlow*

ACADEMIC PROJECTS

Maharishi International University (2023) Quiz Management System:
Quiz Management System enabled professors to set up quizzes for students, check answers and compute students' scores automatically. Utilized Java, JavaFX

Maharishi International University (2023) Online Retail System:
The system involves admin, user roles and spring security. Admin can manage the product and user can order, view the products, and pay the order using REST API calls. Utilized REST API, Spring Boot, Maven, PostgreSQL, Hibernate

Maharishi International University (2023) Online shop:
Use Spring Boot, Thymeleaf, and MySQL for Online shop. The system enabled customers to browse, purchase and review the product with UI. Utilized Spring Boot, Thymeleaf, MySQL, Hibernate

EDUCATION

Master of Science in Computer Science in Computer Science
(In progress via distance education; expected completion 10/2025)
Maharishi International University, Fairfield, Iowa

Key Courses: *Enterprise Architecture, Software Engineering, Algorithms, Advanced Software Development*

Bachelor of Science in Computer Science
University of Information Technology, Yangon, Myanmar (09/2019)