

MUTASIM FUAD RIMU

PROFESSIONAL SUMMARY

Passionate Computer Science graduate pursuing a Master's in AI and Full-Stack Development, with expertise in Machine Learning, Web Development, and Database Management. Enthusiastic about innovative technologies, problem-solving, and building scalable applications.

CONTACT

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ACADEMIC HISTORY

Changchun University of Science and Technology | 2024-Present

Master's in Computer and Application Technology

- Focus on Machine Learning, Artificial Intelligence, and Full-Stack Development

Nanjing University of Information Science and Technology, Binjiang College | 2020-2024

Bachelor of Science in Computer Engineering

- GPA: 3.19
- Thesis: Potato Disease Classification with Deep LearningDeveloped a deep learning model to detect and classify potato diseases Used
- TensorFlow, OpenCV, and CNN architectures Achieved high
- accuracy with dataset preprocessing and augmentation techniques

TECHNICAL SKILLS

- PHP
- Frontend Development: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Framer Motion
- Backend Development: Node.js, Express.js, Flask, PHP
- Databases: MySQL, MongoDB
- Machine Learning & AI: TensorFlow, PyTorch, OpenCV, Scikit-learn
- Tools & Platforms: Git, Docker, Cloudinary, OpenCL
- Operating Systems: Linux (using for over 3 years)

PROJECTS & EXPERIENCE

Full-Stack Development

- Artist Portfolio Websites (MERN Stack + Framer Motion)
 - Developed three fully responsive and interactive portfolio websites for artists
 - Used React.js, Next.js, MongoDB, Express.js for dynamic content management
 - Integrated Framer Motion for smooth animations to enhance user experience
 - Implemented Cloudinary for optimized image storage

- Multiple Web Development Projects
 - Built dynamic HTML, CSS, JavaScript, and PHP-based web applications
 - Designed interactive UI/UX components with modern styling frameworks
 - Developed secure REST APIs and database-driven applications

Machine Learning & AI

- Deep Learning & Computer Vision Projects
 - Potato Disease Classification (Bachelor's Thesis) – Built a deep learning model using CNN for disease detection in potatoes
 - Omniglot Few-Shot Learning – Trained a model to recognize characters using few-shot learning techniques
 - Wild Mushroom Classification – Developed a classification model for mushroom species detection
 - Cat & Dog Recognition – Built an image classification model using TensorFlow
 - Iris Detection – Applied image processing and deep learning techniques for iris recognition
 - Monte Carlo Estimation of Intersection Volume – Developed an algorithmic solution to estimate intersection volumes

Other Notable Projects

- Triangle Detection with Java GUI
 - Designed a Java-based graphical application for detecting geometric shapes

CERTIFICATIONS & ACHIEVEMENTS

- Certified in Machine Learning & Deep Learning (Coursera)
- Completed Full-Stack Development Bootcamp (Udemy)

ADDITIONAL SKILLS

- Problem-Solving & Algorithm Design
- Database Management & Optimization (MySQL, MongoDB)
- Version Control (Git, GitHub, GitLab)
- Cloud Services & Deployment (Cloudinary, Firebase, Vercel)
- Cross-Platform Development