

# 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

Phone: +8619917247217

Email: fuad07@mails.cust.edu.cn

Address: 7000 Weixing Road, Chaoyang District,  
Changchun City, Jilin Province, China

Portfolio: rimu-07.vercel.app

## WORK EXPERIENCE

### SEO Intern | 2024 March-June

Wuxi De-Xun-Tai Technology Co., Ltd. | 4-Month Internship

- Conducted search engine optimization (SEO) strategies to improve website visibility
- Performed keyword research, content optimization, and backlink building
- Analyzed website traffic trends and suggested improvements to boost rankings

## 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: 3.8
- 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

- Programming Languages: Python, JavaScript (ES6+), Java, C#, 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