WASE ZAHIN

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📍 Southwest Forestry University, Yunnan, Kunming

SKILLS

- Strong coding: Python, Java, C++
- Data structures & algorithms: sorting, searching, graph algorithms
- Database management: MySQL, MongoDB, SQLite
- Web development: HTML, CSS, JavaScript
- Machine learning: TensorFlow, scikit-learn
- Artificial Intelligence: Supervised learning, Unsupervised learning
- OOP design & implementation
- Operating systems: Windows, Linux
- Version control: Git
- Frameworks: React, React Native, Vue.js, Flask, Express.js, Node.js
- Soft Skills: Collaboration, Communication, Problem-solving, Time management, Proactivity

SUMMARY

As a computer science student, I am constantly striving to expand my knowledge and push the boundaries of technology. With my passion for problem-solving and creativity, I bring a unique perspective and a human touch to the field. Whether it's coding, debugging, or designing innovative solutions, I bring my own personal flair to everything I do, making myself a valuable asset in the rapidly growing tech industry.

EDUCATION

BSc in Computer Science and Technology

- Southwest Forestry University, Kunming, Yunnan, China
- Session: 2019/09/01 – 2023/06/01
- Key coursework: Programming language in Python, UML modelling, Data Structure, Algorithm analysis and Design, Operating System, Web Development, Database Systems, C & C++, Java, Advanced Mathematics 1 and 2, Probability and Mathematical Statistic, Principle of Computer Component, Data Science, Artificial Intelligence, Digital Image Processing, Big Data Mining and analysis, Mobile App Development, Computer Networking, Software Engineering, Linear Algebra.

PROJECTS

- E commerce Website
  - ✓ A responsive e-commerce website assembled in a several pages where products can be added to the shopping cart.
  - ✓ Backend implementation with login system. The cart function calculates the total of all the item prices.
  - ✓ Created using React functional components, CSS, MongoDB.
- Full stack Blog Site
  - ✓ A blog site that add blogs to the webpage and users can create their own.
  - ✓ Database utilization to create a REST API and use in the frontend.
  - ✓ Created using SQLite3, Flask, Vue.js and CSS.
- Calculator App
  - ✓ A simple calculator app that calculates mathematical equations and shows the result.
  - ✓ Functions such as add, subtract, divide, multiplications were used.
  - ✓ Created using Vanilla Javascript, HTML and CSS.
- CV Maker App
  - ✓ An app that creates a professional cv upon given information.
  - ✓ Utilization of HTML input elements that place the information in the relevant fields creating an eye pleasing template, The functionality of exporting the document as PDF.
  - ✓ Created using React Class Components, CSS and external Javascript libraries.

➤ RESEARCH DIRECTION

- **Data Management and Analysis**
  Design and implement efficient algorithms for data management and analysis to handle large datasets and provide meaningful insights. Contribution to the advancement of software engineering.

- **Artificial Intelligence in Software Engineering**
  Integration of AI techniques into software development and maintenance processes to enhance performance and reliability. Aim is to automate manual tasks and improve the quality of software systems.

- **Web Application**
  Creating scalable, secure, and user-friendly web applications through the use of modern development frameworks, database management, security measures, and user experience design.

➤ REFERENCES

- **Prof. Weili Kou**
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