

# NJUGUNA JACKSON MAGANGA

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## Summary

Highly motivated and eager student with a passion for software development. Possesses a strong foundation in software development life cycle (SDLC) methodologies, object-oriented programming (OOP) principles, and data structures and algorithms. Eager to learn and gain practical experience in a professional software development environment. Strong problem-solving, teamwork, and communication skills.

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## EDUCATION

**Bachelor's degree in Information Technology, Dedan Kimathi University, Nyeri**

June 2019 – Current

### COURSEWORK

- Data analysis
  - Information Systems
  - Software Development
  - Machine learning engineering
  - Database Systems
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## EXPERIENCE

### PERSONAL PROJECTS,

- **Food Recipe Software:** Developed a web application using Python and Django to store and search for recipes. Implemented features to allow users to categorize recipes by cuisine, dietary restrictions, and cook time. Utilized a database to store recipe data and user preferences. (This project demonstrates proficiency in web development frameworks, database management, and user interface design.)
- **Car Valuation Software:** Built a machine learning model using Python libraries like Scikit-learn and TensorFlow to estimate the market value of used cars. Trained the model on a dataset of car features (e.g., make, model, year, mileage) and corresponding sales prices. This project showcases an understanding of machine learning algorithms, data analysis techniques, and their application in software development.
- **A.I Integration with Software**

### FREELANCER AT FIVERR US,

2022 - Present

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# SKILLS

- Software development ★★★★★
- Machine Learning ★★★★★
- Programming: Python, JavaScript, Kotlin, Java ★★★★★
- Data Visualization ★★★★★
- Predictive Modeling ★★★★★
- Excellent Communication Skills ★★★★★
- Problem-solving and Critical Thinking ★★★★★
- Conversational AI Evaluation ★★★★★