


DELONG YANG

WEB / DEVELOPER

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PROFILE INFO

Highly motivated MSc Advanced Computer Science graduate with a strong foundation in software development and artificial intelligence. Experienced in designing innovative solutions using Python, JavaScript, and web technologies. Demonstrated practical application of theoretical knowledge through successful projects including an Android note-taking app and a chatbot web application. Eager to contribute to cutting-edge projects in a dynamic software engineering role, leveraging technical skills and passion for problem-solving while continuing to learn and grow alongside industry professionals.

TECHNICAL SKILLS

- HTML 5/CSS 3
- JavaScript
- React.Js
- Core Python
- Java
- OOP Programming
- MySql/SQL
- Web Development
- Version Control (Git)
- Web Development

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Strong Communication
- Time Management
- Active Listening

SOFTWARE

- Adobe Photoshop
- Android Studio
- CRM tools (e.g., Monday)
- Visual Studio
- PyCharm
- IntelliJ

LANGUAGES

- English (Fluent)
- Chinese (Native)

EDUCATION

UNIVERSITY OF SUSSEX

Sep 2022 - Sep 2023

- MSc Advanced Computer Science - Merit

UNIVERSITY OF BRIGHTON

Sep 2019 - Sep 2022

- BSc Computer Science & AI(Hons) - 2.1(Hons)

CHELMSFORD COLLEGE

Sep 2016 - Jul 2019

- Level 3 Extended Diploma Software Development - D*D*D*

WORK EXPERIENCE

Felix Restaurant, Brentwood, Essex, England Nov 2016 - Present

Restaurant Waiter & Bartender

For the past 7 years, in between my studies i have worked at Felix restaurant as part time waiter & bartender. During that time i have developed a wide range of skills:

- Developed strong relationship with team members through positive communication.
- Demonstrated excellent customer service skills while working in a fast paced environment.
- Demonstrated strong organizational skills while managing multiple tasks.

Zebr, Brighton, England

Mar 2024 - Jun 2024

Front End Developer

- Built and maintained dynamic, responsive web applications.
- Worked closely with front-end frameworks like React.
- Ensured seamless integration with back-end APIs.
- Collaborated with cross-functional teams to design, develop, and implement innovative features.
- Focused on user experience and performance optimization.
- Refined problem-solving, debugging, and code quality improvement skills.

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SOFTWARE ENGINEER

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UNIVERSITY PROJECTS

Android Note Taking App:

Created a working flutter note taking app for android devices with Android Studio IDE, Dart and FlutterHive database. Built and tested a working login system add & delete system with FlutterHive Database, Complete with error handling and data validation

Chatbot Web Application:

Created a working static web-based Python chatbot assistant application that can answer 300+ different questions related to university with PyCharm IDE, Python, HTML, CSS, JavaScript. Pre-processed the text data with NLTK and trained with Keras models. Deployed the trained chatbot agent onto flask static website.

Android Todo List App:

Created a working Todo list app for android devices with Android Studio IDE, Java and RoomDatabase. Built and tested a working Pending, Archived & Completed system, add & delete system with RoomDatabase.

Genetic Algorithm Simulator:

Created a project that can simulates driving a car on a road with disturbances and records position and time data With Visual Studio IDE and Python to measure the successful and failed rate | applied Matplotlib library for plotting graphs

Path Finding Program:

Created a working Path Finding program that can find shortest path from point A to point B with Visual Studio IDE and Java. Deployed and tested two algorithms AStar and Dijkstra. Implemented extra features such as, placeable start point, finish point, wall and Eraser.

N-Queen problem Solver:

Created a working web-based application for solving N-Queen problem with Visual Studio, HTML, CSS and JavaScript. The purpose of this application is to place N chess queens on an NXN chessboard in such a way that no two queens can attack each other

pay App:

Created a working web-based Django application with HTML, CSS, JavaScript, Python, and Django framework. the purpose of this application is to allow user to register new account and simulate transactions between different registered users, something like PayPal

Fake News Detection:

Created a working fake news detection program with python, the purpose of this program is to analyze and compare the accuracy and performance of the following algorithms; Random Forest, Naive Bayes, Logistic Regression and SVM model