DOUGLAS HWANG

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Web application professional seeking a full-time role in Software Engineering. Recently finished my master's degree in computer science. Strong programming skills in Python. Solid knowledge background in algorithms and data structure. A native problem solver and a great team player. Have great communication skills in both English and Mandarin. Looking forward to joining an agile team to get things done.

SCHOOL EXPERIENCE

WEB DEVELOPING   CALIFORNIA STATE UNIVERSITY, US
EVENT MANAGEMENT WEBSITE   September 2021 – December 2021
- Produced reusable React components and used them to construct multiple web views.
- Performed hash function to protect user's credentials.
- Set up frontend proxy server and backend server routed each URL request to the corresponding APIs to interact with databases (create, read, update, and delete).
- Deployed the application with AWS Amplify serverless service

DATA ANALYSING   CALIFORNIA STATE UNIVERSITY, US
INDIA HOUSE PRICE PREDICTION MODEL   September 2020 – December 2020
- Pre-Processed data including feature selection, handling missing data, and eliminating outliers.
- Compared and analyzed different regression algorithms and selected the proper model to score at 0.14 error rate

BACHELOR PROJECT LEAD   FU JEN UNIVERSITY, TAIWAN
CHECK MATE, *Digital Wallet App*   July 2016 – January 2017
- Integrated with Government E-Invoice APIs to develop lottery number matching functionality and electronic invoice generation.
- Developed the UI that presents users' historical transactions at different granularity (daily, monthly).
- Documented programs use case diagrams, system design, and database design.
- Designed, developed, and tested mobile applications using Swift, Xcode, SQLite, Python.
- Set up project milestones and kept track of team progress by setting up weekly check-ins.

EDUCATION

Master's Degree in Computer Science
CALIFORNIA STATE UNIVERSITY, CA, US   September 2019 – December 2021
- 3.8 GPA

Bachelor's Degree in Information Management
FU JEN UNIVERSITY, NEW TAIPEI, TAIWAN   September 2013 – July 2017
- First place of International ICT Innovative Services Awards 2016 held by Ministry of Economic Affairs, R.O.C

QUALIFICATIONS

Languages:	Python, C / C++, MySQL, JavaScript, HTML, CSS, Shell.
Web Development:	React.js, RestApi, TypeScript, Django, Flask, Node.js, NoSQL, MongoDB, PostgreSQL.
Cloud computing:	AWS (EC2, S3).
Source Control:	Git.
Data Analysis:	Pandas, Scikit-learn, NumPy, Jupyter Notebook.