Meng-Ju, Kuo

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Education

University of Nottingham, UK (Grade: 2:1/Merit)

MSc in Computer Science (Artificial Intelligent)   *Sep 2020 – Sep 2021*

Coursework: Data Modeling and Analysis, Database, Systems and Network

Tunghai University, Taiwan (Grade: 79.65%)

BA in Sociology with minor in Computer Science   *Sep 2015 - Jan 2020*

Coursework: Data Structures, Algorithms, Machine Learning, Social Statistics

Work Experience

Darktrace, UK

Role: Full-Stack Developer   *Feb - Nov 2022*

- Balanced systems maintenance with project delivery and incident resolution within a scrum framework
- Interacted with Senior Developers to resolve tickets within agreed timeframes, ranging from bug fixes to new feature additions, putting together pseudo-code, which peers then reviewed for implementation
- Maintained the company CRM through the development of routes API, middlewares, and SQL queries in NodeJS, as well as migrating the database to the PHP Laravel framework and implementing UI in jQuery

Key Achievements:

- Played a key role in the development of a sales dashboard to drive commercial performance, working closely with the sales team to fully understand the requirements and existing challenges, evolving into a project to ensure all deliverables and milestones were defined and delivered
- Lent technical expertise to support the integration of the dashboard post-go-live, including handling any queries, maintaining the system and addressing any bugs or loopholes in the business logic
- Utilised vanilla JavaScript and jQuery to visualise data stored in MySQL, designing the SQL query to decrease loading latency

Bright Ideas Design CO., LTD, Taiwan

Role: Front-End Web Developer Intern   *Feb - Aug 2020*

- Worked with senior developers and followed the design pattern to build UIs
- Refactored the existing code to mobile first methodology

Projects

University of Helsinki full stack open course   *Sep – Present 2022*

- Created a token-based login system blog website in React, Redux, Express, MongoDB and JWT
- TDD practices, backend API integration test, frontend unit test in JEST

Infants' mortality predicting web tool   *Sep 2021*

- Built infant mortality system in React, Django REST framework and TailwindCss, connected to machine learning models via REST API

Skills

Programming Languages: ES6 JavaScript, TypeScript, Python, HTML, CSS, SQL

Tools: React, Redux, Jest, jQuery, Underscore.JS, NodeJS, Git, MongoDB, GraphQL