MENG-JU KUO

FULL STACK DEVELOPER | https://mengju-portfolio.netlify.app

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CAREER SUMMARY

Highly driven Full Stack Developer with superb academic achievements. Array of technical skills across front and back-end development, programming and multiple innovations with experience in utilising these within time-sensitive, target-driven environments. Strong capacity to deliver BAU requirements across troubleshooting and systems maintenance, project delivery and operational improvements via technology.

EDUCATION

Full Stack Open Course / The University of Helsinki / Online   *Sep 2022 – Jan 2023*
Created a token-based login system on a blog site using React, Redux, Express, MongoDB and JWT. Also utilised TDD practices, as well as undertaking backend API integration testing and front-end unit testing via JEST.

MSc Computer Science (AI) / University of Nottingham / UK   *Sep 2020 – Sep 2021*
Grade: Merit / **Modules:** Data Modelling & Analysis, Databases, and Systems & Networks

BA Sociology (Minor in Computer Science) / Tunghai University / Taiwan   *Sep 2015 – Jan 2020*
Grade: 79.65% / **Modules:** Data Structures, Algorithms, Machine Learning and Social Statistics.

PROJECTS

Infant Mortality System   *Sep 2021*
Developed exceptional web development skills and experience in a project aimed at building an infant mortality system using React, Django REST framework and Tailwind CSS, connected to machine learning models via REST API.

SKILLS

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

Tools: React, Redux, Jest, jQuery, Underscore.JS, NodeJS, Git, MongoDB, GraphQL, Selenium, Django, Hygraph CMS

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER   *Feb 2022 – Dec 2022*
Darktrace UK / London, UK
- Delivered a full range of full-stack development requirements for a leading British-American information technology company specialising in cyber-defence
- Interacted with Senior Developers to resolve tickets within agreed timeframes, ranging from bug fixes to new feature additions, putting together pseudo-code which was then reviewed by peers for implementation within a scrum framework
- 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
- Conducted code reviews to ensure optimum settings and best practice

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 this 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

FRONT-END WEB DEVELOPMENT INTERN   *Feb 2020 – Aug 2020*
Bright Ideas Design Co. Ltd / Taiwan
- Gained invaluable experience within a front-end web development role, working closely alongside senior developers to follow design patterns and build UIs. Refactored existing code to mobile-first methodology.