TAWATCHAI (ANDY) HOLMES

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I am Andy, a driven and enthusiastic Computer Science graduate with a passion for web development and artificial intelligence. I have showcased my skills through a range of projects, demonstrating expertise in backend development using JavaScript, TypeScript, and SQL, as well as frontend design using Vue.js, React.js, and HTML. Additionally, I have delved into the realm of artificial intelligence, implementing various algorithms in Python.

PROJECTS

PERSONAL WEBSITE:

- Independently created, and designed my personal website using TypeScript and React.js, showcasing my resourcefulness and technical skills.
- Proactively sought out a variety of information sources, including tutorials, online resources, and documentation, to enhance my knowledge and expertise in website development.
- Utilized my resourcefulness to troubleshoot technical issues and overcome roadblocks encountered during the development process, leveraging documentation and other available resources to find effective solutions and debug code.
  (GitHub: Link to Website)

WEB COMPUTING ARCHITECTURES (FULLSTACK DEVELOPMENT):

- Developed a JavaScript and MySQL-based backend system for a web application, utilizing Postman for testing.
  (GitHub: Link to Backend)
- Created and designed the frontend of a website using Vue.js, HTML, and JavaScript, ensuring seamless user experience and interactive features.
   (GitHub: Link to Frontend)
- Implemented a TypeScript and MySQL backend, integrating Postman for testing purposes, demonstrating strong backend development skills.
  (GitHub: Link to Backend)
- Designed and developed the frontend of a website using React.js and TypeScript, focusing on usability and responsive design.
  (GitHub: Link to Frontend)

ARTIFICIAL INTELLIGENCE:

- Successfully completed various labs exploring different algorithms in Python, showcasing proficiency in artificial intelligence concepts and implementation.
  (GitHub: Link to AI Labs)

HUMAN AND COMPUTER:

- Collaborated on the design of a flatting (shared housing) application using Moqups, displaying skills in user interface (UI) and user experience (UX) design.
- Communicated Ideas efficiently between team members.
  (GitHub: Link to Flatting App Design)

TECHNICAL SKILLS

Programming Languages
- Python, Typescript, JavaScript, CSS, HTML5, Java, SQL

Frameworks & Libraries
- React.js, Node.js, Vue.js, Next.js

Technologies
- GitHub, GitLab, MySQL, MongoDB

Programs & tools
- VS Code, Eclipse, Figma, IntelliJ IDEA, WebStorm

PERSONAL SKILLS

Problem solving
- Possess a natural inclination for tackling intricate problems and a strong motivation to efficiently find their solutions.

Perseverance
- Adapt to new environment when moving from Thailand to New Zealand.
- Preserve through my studies despite Covid Challenges and being isolated from Family in Thailand.

Punctuality
- I consistently prioritize meeting deadlines and respecting time constraints, ensuring efficient workflow and reliable performance.

Quick Learning
- Ability to rapidly acquire new knowledge and skills, adapting seamlessly to new environments and delivering high-quality results.

Languages
- Fluent in Thai and English.

EDUCATION

2019 – 2022

BACHELOR OF SCIENCE, UNIVERSITY OF CANTERBURY
- Pursued a Computer Science degree, with a focus on a diverse range of subjects including Software Engineering, Mathematics, Statistics, and Data Science, to develop a well-rounded skill set.
- Demonstrated brilliant performance in both Backend and Frontend web development-based classes, consistently delivering high-quality projects and showcasing proficiency in building user-friendly web applications.
- Achieved proficiency in algorithmic-based classes, including Algorithms and Artificial Intelligence, showcasing the ability to design efficient algorithms and apply AI techniques to solve complex problems.

2015 – 2017

CAMBRIDGE A-LEVELS, HEADSTART INTERNATIONAL SCHOOL

AS and A Levels subjects:
- **Physic** - Developed a strong foundation in the principles of physics.
- **Mathematics** - Acquired advanced mathematical skills, topics such as calculus, algebra, statistics, and geometry, providing a solid basis for logical reasoning and problem-solving abilities.
- **Information and Communication Technology (ICT)** - Explored various aspects of ICT, including computer systems, software development, database management, and networking.

ACTIVITIES/HOBBIES

- Passionate about sports, particularly Formula 1, football, and rugby, where I actively follow and enjoy watching these thrilling competitions.
- Fascinated by the intricacies of the cryptocurrency world and the underlying technology of blockchain, continuously seeking to deepen my understanding of this rapidly evolving industry.
- I find joy in playing football, rugby, and occasionally indulging in games of badminton, fostering an active and healthy lifestyle.