CURRICULUM VITAE

PERSONAL INFORMATION

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FORMAL QUALIFICATIONS

Bachelor of Computer Science majoring in Data Science.   June. 2019 – July. 2023
Swinburne University Technology, Australia

ABOUT ME

I have recently completed my Bachelor of Computer Science at Swinburne University, majoring in Data Science. I am interested in data work such as finding patterns and trends in datasets to uncover insights and forecast outcomes. I am also inspired to innovate ideas and techniques for creating software that help people have an easier, efficient, and enjoyable life.

My strongest attribute is my determination. I take on every challenge head-on and do what I need to accomplish my goals, even when the challenge is difficult. Every time I faced a new challenge in my previous projects, whether it was leading my first team project or meeting a quick deadline, I always enjoyed stepping up and demonstrating my skills to come up with a quick solution.

Frontend development has always sparked my interest. With the knowledge I have gained and some experience of group projects while studying at Swinburne and some self-planned projects, I am confident that my knowledge and experiences would be useful to the Computer Science industry.

ACADEMIC AWARDS

Merit Awards
Subject Merit for exceptional achievement in System and Control Products, awarded by SACE Board of SA, Government of South Australia (2018)

SKILLS, HARDWARE, AND SOFTWARE

Program languages: Ruby, Python, C++, C#, PHP

Web Development: HTML, CSS, JavaScript, React

Design and Prototyping: Adobe XD

Data Analysis: SPSS Statistics, R and R Studio

Data Visualization: D3.js

Database Management: SQL, MySQL

Network Administration: Cisco Network Devices

Game Development Engine: Unreal Engine 5

3D Modeling: Maya

3D Texturing: Adobe Substance 3D Painter

Embedded Systems and IoT technologies: Arduino, Raspberry Pi

PCB Design

Tools: Git, Visual Studio Code, Excel, Spreadsheet

Operating System: Window, Mac OS

Languages:
- English: Near Native Speakers
- Vietnamese: Fluent

I possess strong problem-solving abilities, which I have honed through practical experiences on various projects at university. For instance, during the development of the Online Bookstore Website, I encountered challenges in optimizing the search functionality for a large product database. I successfully implemented efficient sorting algorithms and data structures, improving search performance and user experience. This hands-on problem-solving experience extended beyond academia, showcasing my ability to tackle real-world challenges effectively.

My excellent analytical skills were put to the test in the Student Record System project, where I had to process and analyze student data to create meaningful insights. By visualizing data trends and designing informative dashboards, I facilitated data-driven decision-making for academic purposes. This project demonstrated my proficiency in handling complex data analysis tasks, which are crucial in both academic and professional settings.

In terms of communication and teamwork, I actively participated in group projects, such as the development of the Online Bookstore Website and the Solar Power Management Mobile App Prototype. In these collaborative efforts, I worked closely with peers to design, develop, and present our solutions effectively. This experience significantly improved my ability to work collaboratively and communicate ideas in team settings.

Furthermore, my passion for staying updated on emerging technologies is evident in my independent project on advanced machine learning techniques. By continuously studying and implementing cutting-edge algorithms in this personal project, I showcased my commitment to ongoing self-improvement and adaptation to industry trends, highlighting my dedication to remaining at the forefront of technological advancements.

PROJECTS

1. Online Bookstore Website
   - Developed a responsive e-commerce website using HTML, CSS, and JavaScript.
   - Implemented user authentication and product search functionality.
   - Utilized MySQL for database management to store user data and product information.

2. Student Record System
   - Designed and implemented a Java application to manage student records.
   - Created a graphical user interface (GUI) for easy data entry and retrieval.
   - Employed object-oriented programming principles for code organization.

3. Solar Power Management Mobile App Prototype
   - Independently developed a mobile app prototype for solar power management using Adobe XD.
   - Designed an intuitive user interface to monitor and optimize solar energy production.
   - Implemented features for real-time data tracking, energy consumption analysis, and remote control of solar panels.
   - Demonstrated strong skills in UI/UX design and prototyping for sustainable energy solutions.

4. Add Friend Website
- Designed and developed a social networking website using HTML, CSS, JavaScript, PHP, and SQL.
- Implemented user registration and login systems with secure authentication.
- Created a dynamic user interface for adding and managing friends.
- Utilized SQL for database management to store user profiles and friend connections.
- Demonstrated proficiency in web development and database integration for a social networking platform.

WORK EXPERIENCE

Frontend Freelancer   2020 – present
I am working as a freelancer on Fiver to have more experience in developing frontend using programming languages including React.js and JavaScript.

Web Development   2020 – present
I have good experience in creating a website for clients on Fiver using HTML, CSS, PHP, SQL, and JavaScript.

Video Editing   2019 – present
I have good experience editing YouTube videos for my clients using Adobe Premiere Pro.

CERTIFICATION

Prepare Data for Exploration – Coursera   Sep 2, 2023
https://coursera.org/verif y/3AME4Y62NN3G

Ask Questions to Make Data-Driven Decisions – Coursera   Aug 11, 2023
https://coursera.org/verif y/B4UE683S7KCC

Foundations: Data, Data, Everywhere – Coursera   Jul 26, 2023
https://coursera.org/verif y/W3ECJBE26K6L

REFERENCES

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