




Tianyu (Harry) Liu

0474817646 liu_harry@foxmail.com Sydney, Australia 

PROFILE

A recent graduate majoring in Information Technology with a strong proficiency in programming and problem-solving. My exceptional communication and coordination skills have been acquired through work experience, further enhancing my ability to excel in any role. I possess a collaborative can-do spirit, which enables me to work effectively in cross-functional teams by utilizing my collective knowledge and skills to achieve shared goals. I have demonstrated the competence for self-directed learning, constantly seeking out opportunities to acquire new knowledge and adapt to ever-changing technologies, thus keeping myself at the forefront of technology and the IT industry.

PROJECT/PROGRAM EXPERIENCE

Economic Analysis

Oct 2023

NSW Government

- Completed a job simulation role, focused on economic analysis at the NSW Government
- Analyzed workforce data and reported on trends in part-time working
- Prepared a cost-benefit analysis for an application for funding from a local economic organization

Designed and developed a Charity Organization Website

May 2023 - Aug 2023

- **Frontend Design:** Responsible for designing the entire website's UI and a significant portion of the UX functionality, ensuring a user-friendly and attractive website by understanding the charity's needs and their target audience.
- **User Experience Optimization:** Conducted user research and testing to confirm areas for improvement. Enhanced the usability and performance of the website, leading to higher user satisfaction. Utilized user-centric design principles to create a more intuitive user interface.
- **Team Leader:** Efficiently managed the project team through Jira which was used for website development and bug tracking. Established user stories and implemented each sprint by a Scrum Board. Conducted daily stand-up meetings to update the status of current tasks.

Design and Implementation of Commonly Used Linux Commands

Jun 2023 - Aug 2023

- Wrote some Git commands for the version control system using 'dash', including 'git init', 'add', 'commit', 'log', 'show', etc.
- Wrote Python code to perform Linux command operations on specific data according to project requirements, and completed the code for slicing, replacement, regular expression matching, and other functions
- During the project, related test cases were designed for each function, providing debugging and improvement.

Optimization of UNSW Academic System Database

Sep 2021 - Nov 2021

- According to project requirements, designed the database model.
- Cleaned, filtered, extracted, and analyzed data from existing academic system database using data tools and programming languages according to project requirements.
- Implemented SQL queries and views to satisfy requests for information.
- Implemented PLpgSQL functions to aid in satisfying requests for information.

WORK EXPERIENCE

Counselor Assistant | Beijing Information Science And Technology University (BISTU)

Sep 2020 - Sep 2021

- **Administrative Support and Coordination:** Assisted in the administrative tasks of the college, including arranging meetings, organizing documents, and reporting progress of the task.
- **Graduate Employment Assistance:** Assisted in organizing job fairs, responsible for venue arrangement, material deployment, staff management and employment guidance. Helped graduates to adapt to a new role and transition smoothly from a student to the workforce.
- **Awards Selection and Reporting:** Participated in awards selection processes, which involved compiling candidate materials, calculating scores, and reporting the results, contributing valuable data for decision-making.
- **Student Affairs Management and Procurement:** Responsible for students' academic and life affairs. Managed college office supplies procurement, maintained relationships with suppliers, and purchased cost-effective, high-quality supplies.

ACTIVITIES

Student Union News Center Leader | BISTU

Sep 2017 - Mar 2019

- **Administrative Management:** Responsible for managing various affairs of the news center, leading the team to conduct campus news interviews, reporting, and publication to ensure timely communication of information.
- **Video Production and Promotion:** Assisted the Student Union in producing promotional videos for student activities and documenting event processes. Expanded the influence of the news center through creative event organization.
- **New Media Operations:** Utilized new media platforms to disseminate campus news to faculty and students, actively tracked and reported on campus news events, and maintained the campus community's information updates.

SKILLS

- Programming: Python, Shell, C, VB, MATLAB
- Front-end: HTML5, CSS3, Sass, JavaScript (ES6+), React
- Back-end: Node.js
- Database: SQL, PL/pgSQL, PostgreSQL
- Adobe: Premiere, After Effects, Photoshop
- Microsoft Suite
- Chinese - Mandarin
- English

EDUCATION

The University of New South Wales

Master of Information Technology

Sep 2021 - Sep 2023

Sydney, Australia

Beijing Information Science And Technology University (BISTU)

Bachelor of Industrial Engineering

Sep 2016 - Jun 2020

Beijing, China

REFERENCES

Professional references available upon request