YU-WEI WU

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EDUCATION

**Master of Science
Information Systems**

Drexel University '24

SKILLS

- HTML/CSS
- JavaScript
- React.js
- Node.js
- RESTful APIs
- Python
- Java
- C/C++
- R
- UI/UX
- Adobe
- Figma
- Database management (SQL, NoSQL)
- Git and version control
- Responsive web design
- Cross-browser compatibility
- Team collaboration and communication

EXPERIENCE

Co-op Intern - Data Management & Info Systems   June 2023–Dec 2023

SquashSmarts Inc. / Philadelphia, PA, USA

- Collect and analyze data of programs, assist with annual, board and national reports.
- Build and analyze program data reports through Salesforce to better determine how to effectively communicate data.

Graphic User Interface Designer   March 2020–March 2021

Italian Coffee Company / Taipei, Taiwan

- Designed web pages and banners, brochures, signs, annual reports, advertisements, and other promotional materials.
- Managed exhibition design and setup; created posters, backdrops, and banners for display.

PROJECTS

Portfolio Website

https://yuwei-3206.github.io/Portfolio/

- Developed components using React to ensure smooth navigation and captivating content display.
- Designed website interactivity using React hooks for a consistent user interface without the need for reconfiguration.
- Utilized CSS variables for effortless color scheme customization and automated deployment with Node.js.

Audio Player Application

https://github.com/yuwei-3206/Audio-Player

- Developed an application using React, featuring play/pause, track navigation, and shuffle functionalities.
- Utilized React hooks for dynamic playlist management, fetching data asynchronously from an external JSON file.
- Implemented test suites to cover critical functionalities such as play/pause controls, track navigation, and shuffle

Travel Management Application

https://github.com/yuwei-3206/Travel-Management

- Analyzed research data and developed the client-side application using React.
- Developed with Python and Flask, managed backend tasks like routing, request handling, and database management.
- Implemented user authentication and authorization mechanisms to secure sensitive user data.

Database Normalization

https://github.com/yuwei-3206/UNICEF_Database-Normalization

- Improved database efficiency, reduced redundancy, and enhanced data integrity.
- SQL, PL/SQL was used to normalize and structure a raw dataset of 2 million records.