# Ralph Shui

Germantown, Maryland | 301-456-9491 | ralphshui89@gmail.com **Portfolio |** https://https://ralphshui.vercel.app
**LinkedIn** https://www.linkedin.com/in/ralphshui | **Github** https://github.com/ralphshui | **Blog** medium.com/@ralphshui89 |

## PROFESSIONAL SUMMARY

An enthusiastic and dedicated professional with a foundation in the hospitality and service industry, transitioning into the technology sector. Eager to collaborate with others, adapt to emerging technologies, and committed to continuous learning and personal growth.

## TECHNICAL SKILLS

Python with Flask, SQLite, JavaScript, React, HTML, CSS

## TECHNICAL PROJECTS

**SQLifts** - https://github.com/ralphshui/SQLiftsProject
- Python command line interface with SQLAlchemy built on top of SQLite app for users to create personal workout plan
- Designed SQL databases to store user-specific workout plans and preferences for each day of the week
- Constructed a user-friendly menu enabling users to manage, view, update, and search their distinct workout schedule
- Incorporated a feature for users to browse a list of popular gym workouts and selectively integrate into their own regimen

**Bookstore Website** - https://github.com/ralphshui/Booksellers_Project **DEMO** - https://booksellers-project-vdj8.vercel.app
- Python Flask server hosting a React/Javascript app built on top of SQLite emulating an online bookstore
- Designed and implemented a user-friendly login system, securely storing passwords, and enabling users to add books to their personal shopping cart
- Users can update their passwords and usernames (using Formik), and ensured data persistence on the backend
- Implemented a user-friendly search bar, enabling users to locate specific books effortlessly
- Devised a range of filtering links, including 'featured' books, 'romance,' 'non-fiction,' 'fiction,' and more

**Budget App** - https://github.com/ralphshui/BudgetApp/tree/main/budget_app
**DEMO** - https://budget-app-tot5.vercel.app / https://budget-app-tot5.vercel.app/main
- Python Flask server hosting a React/Javascript app built on top of SQLite for users to manage personal finances
- Implemented a secure user login system, storing passwords and associating all user-inputted data with their respective username
- Designed an intuitive main page featuring a dashboard that shows an overview of their financial history, including recent transactions, a line chart illustrating income and expenses over time, and calculations of all total assets and expenses
- Users can add and track multiple finance accounts, complete with real-time balance updates.
- Users can record 'income' and 'expense' entries for their accounts, with automatic updates to the respective account balances
- Utilized Chart.js to generate informative charts: a bar graph displaying all accounts and their balances, an area chart illustrating transaction trends over time, and doughnut charts for visualizing income and expense breakdowns
- All data is seamlessly fetched from the backend, ensuring real-time updates whenever users make any changes

## WORK EXPERIENCE

**Optimal Networks**                                                                                           Gaithersburg, MD
Client Services Executive                                                                                            2017 - 2022
- Managed key client relationships for a prominent managed IT services provider, catering to a diverse client base with notable organizations including the ALS Association
- Orchestrated communication between clients and internal departments, ensuring the alignment of solutions with client needs
- Maintained transparency in financial transactions and proactively identified technological advancements to enhance client infrastructure

**7-Eleven**                                                                                                      Germantown, MD
Store Manager                                                                                                        2014 - 2017
- Led a team of 15 employees in the management of a 24-hour convenience store. Oversaw staff scheduling, payroll administration, and training initiatives and generated daily cash summary reports, operational analyses, and financial statements

**Leonidas Management Company Ltd**                                                                                Hanoi, Vietnam
Marketing Manager                                                                                                    2013 - 2014
- Spearheaded marketing efforts for a 370-unit residential complex and commercial office building, effectively showcasing properties to potential tenants
- Collaborated in comprehensive property management functions, including maintenance inspections and coordination of repairs

**Hanoi Hotel**                                                                                                   Hanoi, Vietnam
Marketing Associate                                                                                                  2011 - 2013
- Helped manage the hotel's digital presence, actively administering its social media platforms
- Expertly maintained current room rates and dynamic promotional content across prominent travel industry platforms in Vietnam
- Provided support to the advertising division, contributing to the design and execution of advertising campaigns

## EDUCATION

**Flatiron School**                                                                                                New York City
Full Stack Web Development, Python with Flask and JavaScript program                                        May 2023 - Sept 2023

**University of Maryland, College park**                                                                          College Park, MD
Bachelor of Arts in Criminal Justice                                                                                Class of 2011