PHILIP LING

SOFTWARE DEVELOPER

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Github Profile   LinkedIn Profile   Personal Site

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OBJECTIVE

With a diverse background of 6+ years in teaching and working in a fast-paced, hospitality environment, I'm eager to launch a career in software development by leveraging my adaptability, leadership skills, technical knowledge and emotional intelligence to provide exciting and easy-to-use app experiences to delight customers.

SKILLS

Frontend: JavaScript -- React / Redux -- HTML5 -- CSS3 -- Pug
Backend/Server: Python -- PostgreSQL -- Flask -- Express.js -- Sequelize / SQLAlchemy (Object-relational mapping)
Tools: Node.js -- Git -- Github -- Heroku -- Docker -- APIs -- GraphQL

TECHNICAL EXPERIENCE & PROJECTS

App Academy - "*Hacker In Residence" / Admissions Assistant***   May 2021 – Present
- Leads 1-on-1 technical meetings and weekly study sessions for **> 50** program applicants to provide individualized support for entry assessments on **HTML/CSS**, **Git**, **Boolean Algebra**

Higher/Lower (Spotify Edition) (JavaScript, React, GraphQL, HTML5, CSS3)   Live Site | Github
A higher lower game based on the Spotify popularity score of the top 50 tracks
- Spearheaded the implementation of **GraphQL** with **Stepzen** to optimize runtime and retrieve data from the Spotify **API**
- Utilized **React hooks** and local storage to maintain game state and track current and career high scores

Meadium (JavaScript, Express, PostgreSQL, Sequelize, HTML5, CSS3)   Live Site | Github
An online publishing platform where users can come together and talk about all things alcoholic
- Utilized **AJAX** fetch calls to the **PostgreSQL** database in order to dynamically update the story's comments without page reload
- Incorporated **Bcrypt** for password hashing to provide user authentication and security
- Implemented **csrf** and **cookie-parser packages** in order to generate a token that would be passed through each form submission for validation to prevent cross-site attacks

OpenBook (JavaScript, Python, React, Redux, PostgreSQL, Flask, SQLAlchemy, HTML5, CSS3)   Live Site | Github
An online, interactive learning platform where teachers can assign flashcards to their students
- Implemented a **Redux** store to persist user data and authorize the use of login functionality within the website
- Created an engaging **UI / UX** and landing page using **react-animations** and styled **components**, focusing on primary school, end user requirements
- Leveraged **Flask-SQLAlchemy** to create **many-to-many** relationships between models, allowing for **assignment** and **deck customization** features

ADDITIONAL EXPERIENCE

Front End Manager - *Formosa Chinese Restaurant*   January 2016 – August 2019
- Compiled **daily** monetary reports and records to ensure accounting **accuracy** while also training and supervising wait staff in a **fast paced, high-pressure** environment, prioritizing **morale** and **customer satisfaction**

KUMON Learning Center - *Chief Assistant*   July 2010 – August 2013
- Monitored student growth by leveraging an **informational database** to track progress and maintain data integrity for **>70** students, including training and onboarding of new employees to maintain overall business **quality** and **performance objectives**

LEADERSHIP ACTIVITIES

Showered with Hope, Inc. - *Co-Founder | Director of Fundraising*   Aug 2014 – June 2015
- Organized a queue of events throughout the year to raise **$10,000** functional revenue with a focus of empowering individuals experiencing homelessness to achieve self-sufficiency by providing access to resources.

NYU Chinese Student Society - S*ocial & Public Relations Chair | Secretary*   October 2013 – May 2015
- Promoted Chinese culture to **300+** members by planning and executing **15+** on-campus student events through collaboration with an executive board and creation of a marketing press kit, raising over **$7000** for charity

EDUCATION

App Academy - *Curriculum of Study in Web Development (JavaScript & Python)*   **New York, NY** 2020 - 2021
New York University - *(Relevant Coursework: Intro to Python, Economics)*   **New York, NY** 2013 - 2015