Dennis Shu Liang

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EDUCATION:

TEMPLE UNIVERSITY, College of Science and Technology, Philadelphia, PA,
Major: Computer Science | **Bachelor of Science**
GPA: 3.66, Distinction in Major, Dean's List: Fall 2019, Fall 2020, Spring 2023 | Graduated: May 2023

TECHNICAL SKILLS/TOOLS:

Java, JavaScript, React, Node.js, UNIX/Linux, PHP, C Programming, MySQL, Git, HTML5 & CSS, JQuery, TypeScript, Next.js, Tailwind, Docker, Figma, Bootstrap, Visual Basic 6.0, MATLAB, Agile, Scrum

TECHNICAL EXPERIENCE:

Department of Computer & Information Sciences - Temple University. Philadelphia, PA
Website Manager   April 2023 - July 2023
- Revamped the Temple CIS OpenCATS TA evaluation website by leveraging the LAMP stack on my personal VirtualBox Ubuntu 22.04 server for local testing, employing port forwarding for HTTP and SSH connectivity.
- Proficiently managed Dockerized instances to run the LAMP stack for hosting the Temple OpenCATS system.
- Performed a MySQL dump of the Temple OpenCATS database and incorporated it into my locally established MariaDB system, facilitating efficient utilization and data management.

Department of Computer & Information Sciences - Temple University. Philadelphia, PA
Peer Tutor   January 2023 - May 2023
- Mentored over 20 students in acquiring proficiency in fundamental programming concepts and principles.
- Provided assistance to students in effectively identifying and resolving runtime, compiler, and syntax errors in object-oriented programming (OOP) languages, refining their debugging skills and ensuring code accuracy.

Gupta Permold Corporation - Remote. Pittsburgh, PA
Front-End Web Development Intern   May 2022 - August 2022
- Overhauled 125 web pages with responsive web design techniques to create a seamless mobile user interface.
- Consolidated internal and external CSS styles into global and individual Sass files to improve load speeds.
- Implemented dynamic web elements using JavaScript and JQuery, such as radio buttons, toggleable displays, embedded media, and hoverable descriptions, enhancing client engagement and interactivity.

Neural Engineering Data Consortium - Temple University. Philadelphia, PA
Lead Web Developer   January 2020 - September 2021
- Redesigned and developed over 20 websites using HTML, PHP, JavaScript, and CSS with Bootstrap. Integrated a large research project database and automated alerts for weekly publication releases.
- Developed a robust search functionality using HTML, CSS, JavaScript, PHP, and Google's search engine API. Significantly increased user traffic by enabling users to search and filter publications, projects, and courses across the site.

TECHNICAL PROJECTS:

Secure User Login System   January 2022 - May 2022
- Developed a secure user login/logout system with enhanced security measures, leveraging HTML, PHP sessions, CSS Bootstrap, and a back-end MySQL database for storage of user account information.
- Seamlessly integrated user registration and password reset functionality, incorporating additional security features such as email and QR code multi-factor authentication (MFA) using PHPMailer.

AFFILIATIONS:

Delta Chi Psi Fraternity, **External Vice President, Community Service Chair** - Temple University