

# 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

### *Selected Courses:*

Web Application Programming

User Experience Design

Data Structures

Systems Programming and Operating Systems

Program Design and Abstraction

Computer Systems and Low-Level Programming

## TECHNICAL SKILLS/TOOLS:

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

## TECHNICAL EXPERIENCE:

Department of Computer & Information Sciences - Temple University. Philadelphia, PA

Website Manager

April 2023 - May 2023

- Updated the Temple CIS OpenCATS run TA evaluation website using a copy of the system hosted on my local VirtualBox Ubuntu 22.04 server using PHP, Apache2, MySQL and port forwarding for HTTP and SSH use
- Executed a MySQL dump of the Temple OpenCATS database for utilization in my locally created MariaDB

Department of Computer & Information Sciences - Temple University. Philadelphia, PA

Peer Tutor

January 2023 - May 2023

- Tutored 20+ students in developing and understanding fundamental programming concepts and principles
- Assisted students in accurately debugging runtime, compiler and syntax errors of common OOP languages

Gupta Permold Corporation - Remote. Pittsburgh, PA

Front-End Web Development Intern

May 2022 - August 2022

- Overhauled 125 web pages to include a mobile user interface for clients who wished to browse the website on their mobile devices with responsive web design methodology
- Compiled internal and external CSS styles to global and individual Sass files boosting overall load speeds by 4%
- Implemented interactive web elements such as radio selection buttons, toggleable displays, embedded media files and hoverable descriptions with the use of JavaScript and JQuery to increase client engagement by 3%

Neural Engineering Data Consortium - Temple University. Philadelphia, PA

Lead Web Developer

January 2020 - September 2021

- Designed and overhauled 20+ websites using HTML, PHP, JavaScript and CSS with Bootstrap allowing users to access a large database of research projects as well as auto generated alerts for weekly publication release updates
- Implemented a working search bar using HTML, CSS, JavaScript, PHP and Google's search engine API to search through filterable publications, projects and courses throughout the main site increasing user traffic by 4%

## TECHNICAL PROJECTS:

Secure User Login System

January 2022 - May 2022

- Designed a secure user login/logout system using HTML, PHP sessions, CSS Bootstrap and a back-end MySQL database storing user account information
- Integrated user registration and password reset functionality as well as email and QR code MFA using PHPMailer.

## AFFILIATIONS:

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