

Dennis Shu Liang

d.l.s6465@gmail.com

[linkedin.com/in/dennis-liang-shu/](https://www.linkedin.com/in/dennis-liang-shu/) | <https://dennisliangshu.github.io/> | 215-858-4783

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

TECHNICAL EXPERIENCE:

Dynatrace - Remote. Waltham, MA

Insights Support Analyst

September 2023 - Present

- Utilize Dynatrace and Chrome DevTools to analyze application performance data, generate insightful Tableau visualizations, and produce comprehensive reports identifying performance degradations for 5+ client accounts.
- Collaborate with cross-functional teams to resolve performance issues in applications monitored by Dynatrace, ensuring optimal Core Web Vitals and an ideal user experience with improved page load speeds of 3s or less.
- Leverage Dynatrace's USQL to identify KPIs, including conversion rate and website traffic, from real user monitoring data, supporting clients in refining business strategies.

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

Website Manager

April 2023 - August 2023

- Revamped the Temple CIS OpenCATS TA evaluation website by leveraging the LAMP stack on a VirtualBox Ubuntu 22.04 server for integration testing, employing port forwarding for HTTP and SSH connectivity.
- Administered Dockerized LAMP containers interconnected via a Docker network to host the production TA evaluation site.
- Transferred the Temple OpenCATS database by performing a MySQL dump and integrated it into my local pre-production MariaDB system to establish a backup standard.

Temple University - Department of Computer & Information Sciences. 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

Web Development Intern

May 2022 - August 2022

- Overhauled 125 web pages with mobile-first design and flexible grid layouts to ensure seamless mobile UI.
- 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.

TECHNICAL PROJECTS:

Secure User Login System

January 2023 - May 2023

- Developed a secure user login/logout system leveraging HTML, PHP sessions, CSS Bootstrap, and a back-end MySQL database for user account data storage, complemented by a RESTful API integration.
- Seamlessly integrated user registration and password reset functionality, incorporating additional security features such as email and QR code multi-factor authentication (MFA) using PHPMailer.