

# Dennis Shu Liang

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## EDUCATION:

TEMPLE UNIVERSITY, College of Science and Technology, Philadelphia, PA,

Major: Computer Science | **Bachelor of Science**

GPA: 3.63, Dean's List: Fall 2019, Fall 2020 | Expected Graduation: 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:

HTML5 & CSS, Java, JavaScript, UNIX/Linux, C Programming, MySQL, Git, Docker, Figma, Bootstrap, JQuery

Visual Basic 6.0, Microsoft Office, MATLAB, NI Multisim, PHP, Test-Driven Development

## TECHNICAL EXPERIENCE:

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

Peer Tutor

January 2023 - Present

- Tutored over 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
- Mentored students in writing and maintaining efficiently organized code as well as associated documentation

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 a responsive web design methodology
- Compiled internal and external CSS styles to global and individual Sass files boosting overall load speeds by 7%
- 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 6%

Neural Engineering Data Consortium - Temple University, Philadelphia, PA

Lead Web Developer

January 2020 - September 2021

- Designed and overhaul 20+ websites using HTML & CSS with Bootstrap allowing users to access a large database of research projects
- 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%
- Created web forms using PHP and JavaScript to verify user email addresses to send out project information and publication release updates weekly

## TECHNICAL PROJECTS:

Inventory Management Website/System

January 2022 - May 2022

- Designed a working user-friendly inventory management website that incorporates HTML/CSS and JavaScript
- Implemented a working database management system using MySQL to track the inventory of the users using separate databases linked together with foreign keys
- Built server side Web APIs in Java/JSP to extract user data from my databases to output them in JSON format

## AFFILIATIONS:

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

TUDev, **Member** - Temple University