Jingzhi Zhang

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EDUCATION

Master of Science in Information System, *Northeastern University*   *Sep 2023-Dec 2025*
- Concentration in **full stack software engineering** (**GPA: 4.0**)
- Relevant Topics: Computer Programming (**Java**), **Database Management & Design** (SQL server, MongoDB, PostgreSQL), **Web Design & User Experience** (**HTML**, **CSS**, **JavaScript**, **React, Node JS, Vite**), **Data Structure & Algorithms**, **Objective Oriented Programming** (OOP), Full Stack Developer (**Postgres**, **Express.JS**, React, Node, TDD, **PERN** stack)

Bachelor of Statistics, *University of Colorado Boulder*   *Sep 2016-May 2021*
- Concentration in Statistical Computing & Computer Science
- Relevant Topics: Calculus, Probability and Statistics, Linear Algebra, **Computer Science Programing** (**C++**), Applied Statistics

PROFESSIONAL EXPERIENCE

TLS Contact VISA SERVICE – Summer Intern   *June 2022-Aug 2022*
- Collected client's data across different dimensions such as applicant's bioinformation, education, occupation, conducted statistics analysis on the application demographic distribution via tools such as **SQL** server database, Excel and **R**
- Ran linear regression analysis to learn what applicants tend to apply for visas, provided insights to marketing team on how to acquire more business based on data driven statistical analysis results

PROJECT EXPERIENCE

Tasteful Sky Online - PERN Full Stack E-commerce Application   *May 2024-Aug 2024*
- Worked on a full stack e-commerce project built with **PERN** stack with **Postgres**, **Express**, **React**, **Node** and etc
- Built both **client** end and **server** end that enable customers to order their favorite food product online, integrated with **Postgres** database with user account **authentication** setup, allowing customers to register account and sign in
- Implemented functionalities and UI that let customers edit their shopping cart, and checkout their order

La Dolce Vita – Wedding Venue Design   *Nov 2023-May 2024*
Deployed Project**: Link** | GitHub Source Code**: Link** | Technologies/Tools**: React, Vite, JavaScript, CSS, HTML, Node.js, Heroku**
- Constructed a responsive modern single page application (**SPA**) of wedding venue using **React** and **Vite** frontend framework
- Developed an online wedding design website that allows customers to plan and customize their inspired wedding ceremony
- Built custom **React** components for the user-facing features via semantic UI and hosted via **Heroku**
- Implemented stateful and stateless components and reusable and repeatable design patterns among **React** framework

Doggie Passion Lover - Multi-Page Web Design   *Sep 2023-Mar 2024*
Deployed Project**: Link** | GitHub Source Code**: Link** | Technologies/Tools**: JavaScript, CSS, HTML, Node.js, Heroku**
- Built and implemented a website consisting of several **HTML** pages that rendered about an animal of personal choice
- Developed three main pages including a home page, about page and registration page for user registration
- Utilized CSS related techniques such as **CCS grid** and **CSS flexbox** to improve and enhance the website rendering
- Hosted the frontend app via **Heroku** and version controlled via **Github**

Customer Food Ordering System – OOP Design   *Oct 2023-Dec 2023*
- Developed a **Java** program that enabled customers to interactively register, login, order, and checkout from GUI menu via javax.swing, consisting of more than 10 classes for things such as Users, Orders, Menu Items, Login Manager
- Integrated with admin classes and functionalities that handles administrative functions such as removing menu items, modifying menu item price, adding new items to the menu, and removing a menu category

TECHNICAL SKILLS

Programming Language: Java, JavaScript, React, Express, Node, Python, SQL, C++, R, CSS, HTML, Git, Data Structure & Algorithms
Tools: VS code, Git Bash, Bash, Shell, DBeaver, GitHub, Heroku, Netlify, PostgreSQL, MongoDB, SQL server, Docker, CI/CD