

# Benjamin Truong

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## Education

### University of Houston

December 2023

Bachelors in Computer Science | Math Minor | GPA: 3.75

## Skills

C++ | Python | MySQL | PHP | JavaScript | HTML | CSS | R | VSCode | Power BI | Excel | Git

## Work Experience

### TRC Companies Digital Intern

May 2023 - August 2023

- Developed **Python** scripts to streamline and automate raw **Excel** data files into deliverable files.
- Utilized **PowerBI** to model raw data from **Excel** files.
- Assisted in data quality assurance processes by identifying anomalies, inconsistencies, and errors in raw **Excel** data, contributing to the maintenance of data integrity and accuracy.

## Projects

### Medical Clinic Database Web Application

- Developed a fully functional web-based medical clinic database application hosted on **Microsoft Azure**.
- Designed a user-friendly front-end interface using **JavaScript**, **HTML**, and **CSS**.
- Implemented the back-end functionality using **PHP** and **MySQL** to integrate various features such as appointment scheduling, payments, and modifying personal information.
- Collaborated with a team of developers to design, develop and share the project using **GitHub**.

### Coding Simulator

- Developed "Coding Simulator," a web-based clicking game, using **HTML**, **CSS**, and **JavaScript** to create an interactive and engaging user experience.
- Integrated a public **REST API** to inject humor and jokes into the game, enhancing user engagement and adding a lighthearted and unique dimension to the project.
- Employed **HTML** and **CSS** skills to create a user-friendly and aesthetically pleasing design, ensuring that the game's interface was both intuitive and engaging.
- Utilized **JavaScript** to implement core game mechanics and user interactions, showcasing proficiency in front-end development and user experience optimization.

### Personal Website

- Developed a personal website using **HTML**, **CSS**, and **JavaScript** to showcase skills, projects, and experiences.
- Designed and implemented a visually appealing and responsive user interface for the personal website using **HTML** and **CSS**, ensuring optimal user experience across various devices and screen sizes.
- Integrated dynamic and interactive features into the personal website using **JavaScript**, enhancing user engagement and providing a seamless browsing experience.

### Number Guessing Game

- Developed a number guessing game using **JavaScript**, **HTML**, and **CSS**.
- Utilized local storage to store user guesses and lives.
- Implemented game mechanics using **JavaScript** such as randomly generating a valid 4-digit number, validated user guesses, and created a popup window indicating the result of the game.