Alan Zhou

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TECHNICAL SKILLS + CERTIFICATIONS .

LANGUAGES/TOOLS/FRAMEWORKS/CONCEPTS
- Java, C, Python, Haskell, Elm, SQL, HTML, CSS, Javascript, Typescript
- Git, Bash/Shell Scripting, React.js, Node.js, SQLite
- Certificate of Completion SQL Essential Training   Online Course - LinkedIn Learning

EDUCATION .

B.S. COMPUTER SCIENCE, September 2022 – April 2026
- **Relevant Courses:** Introduction to Programming, Introduction to Software Development, Object Oriented Programming, Data Structures and Algorithms, Algorithms and Software Design, Computer Architecture, Databases, Discrete Math

PERSONAL PROJECTS .

PERSONAL PORTFOLIO WEBSITE | HTML/CSS, Javascript, React.js, EmailJS
- Created a responsive website showcasing my portfolio with a seamless viewing experience across different devices and screen sizes, enhancing accessibility and user engagement.
- Enhanced the user-friendliness of the website by implementing interactive features such as a dynamic menu and scroll effects, delivering an engaging and intuitive browsing experience for visitors.
- Implemented a dynamic contact form, allowing users of the website to efficiently send messages to me via email.

iOS CALCULATOR CLONE | HTML/CSS, Javascript
- Mimicked the standard locked screen version of iPhone's calculator app. Created an environment similar to the iPhone app, allowing for familiarity among most iOS users.
- Logic developed solely for basic operations including addition, subtraction, multiplication, and division.

KNOW YOUR MACROS | HTML, Javascript, JSON, API Ninjas (Nutrition API)
- Developed a Google Chrome extension that retrieves a macronutrient of choice (calories, fats, carbohydrates, proteins) of the food by user input through API Ninjas Nutrition API. This extension makes finding general information on foods faster and more accessible.
- Sampled by five peers of mine to test functionality. It is found useful often for those who meal-prep, and those with specific nutrition goals, as the fast retrieval of information makes it easy to know exactly what to shop for.

AUTOMATIC FILE DELETER | Python
- Created a script when ran, deletes any imputed file from the downloads folder on my PC

EXPERIENCE .

ASSISTANT TEACHER | SPIRIT OF MATH SCHOOLS | AUG 2019 - JUN 2022
- Assisted and taught high-performing students of grades 1 - 12 in after-school mathematics classes
- Developed and maintained a positive learning atmosphere in the classroom year round

LEAD ASSISTANT TEACHER | SPIRIT OF MATH SCHOOLS| JUN 2021 - JUN 2022
- Trained ten new and returning assistant teachers prior to the school year, developing their initial skill set, and reinforcing our values and expectations.
- Evaluated assistant teacher's performances with collaboration with respective teachers by progress reports once per semester . This helped principals know of each assistant teacher's performance throughout the year.
- Coordinated monthly online meetings to discuss progress, and improvements to be made with regards to being an assistant teacher in and out of the classroom. This maintained standards and ensured assistant teachers fulfilling their responsibilities, needing principals and teachers to micromanage assistant teachers less.