**Xuyen Nguyen**

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**EDUCATION**

**University of Utah** Salt Lake City, Utah

*Bachelor of Science in Computer Science* *Aug. 2019 - May 2024*

**EXPERIENCE**

**Software Engineer** Mar. 2024 – Present

*BlueSkyTech Remote*

* Build responsive, cross-platform websites using React, Next.js, TypeScript, and Material UI.
* Collaborate with designers and business analysts to implement high-quality, functional user interfaces.
* Utilize Redux Toolkit and RTK Query to simplify making API requests and complex state management.
* Provide ongoing support and mentorship to help new developers integrate into the team and contribute effectively.

**Full-Stack Developer** Nov. 2021 – June 2024

*University of Utah Salt Lake City, UT*

* Automated 100+ tasks with PowerShell scripts to interact with and manage SQL Server databases.
* Worked in a team and individually to resolve migration issues for Microsoft Exchange servers.
* Contributed to successfully migrate 100000+ user mailboxes and groups to the cloud.
* Maintained and updated the internal website using Angular, C# .Net, Bootstrap, and Graph API.

**PROJECTS**

**Portfolio Website** | *Angular 18, Angular Material UI, JavaScript, Three.js, GitHub Pages* Sep. 2024 – Oct. 2024

* Developed a responsive static website using Angular 18 and Angular Material UI.
* Integrated Three.js to display 3D models interactively.
* Hosted the website using GitHub Pages.

**Signable** | *React, FastAPI, TensorFlow, MediaPipe, MySQL, Amazon Web Services (AWS)* Oct. 2023 – Apr. 2024

* Built a full-stack website to teach the American Sign Language alphabet utilizing machine learning solutions.
* Trained and integrated machine learning models using TensorFlow and MediaPipe to predict signs.
* Implemented learning mechanisms and user-friendly interface using React, JavaScript, HTML/CSS and Bootstrap.
* Designed MySQL databases to store lessons, user information, and learning progress.
* Developed a REST API and implemented user authentication using FastAPI.
* Utilized AWS S3 buckets for storing and serving static files, ensuring efficient and scalable asset management.

**Typing Practice** | *HTML, CSS, and Javascript* July 2022

* Built a one-page web app for practicing typing with the Bopomofo keyboard layout
* Designed simple, user-friendly user interface using HTML and CSS.
* Implemented Typer-Shark-style practice mechanism using vanilla JavaScript.

**ClassSchedule** | *HTML, CSS, and Javascript* May 2022

* Created a wep app prototype for managing class schedules.
* Designed eye-catching user interfaces using HTML and CSS.
* Implemented class logging feature using vanilla JavaScript.

**TECHNICAL SKILLS**

**Languages:** C#, Java, Python, SQL, JavaScript, TypeScript, HTML/CSS

**Frameworks:** Next.js, Angular, Spring Boot, FastAPI

**Library:** React, Redux Toolkit, Material UI, Angular Material UI, TensorFlow, MediaPipe

**Developer Tools:** Git, Node.js, SQL, Azure Web Services, AWS