XUYEN NGUYEN
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EDUCATION

University of Utah — Salt Lake City, Utah
Degree: Bachelor of Science in Computer Science — May, 2024

MAJOR COURSES

Web Development, Introduction to Data Analysis, Artificial Intelligence, Algorithms, Interactive Computer Graphics, Machine Learning

TECHNICAL SKILLS

Angular, ASP.NET, React.js, Three.js, HTML, CSS, REST API, C#, JavaScript, Python, Next.js, Git, Java, TensorFlow, C/C++, SQL

EXPERIENCE

Software Engineer — March, 2024 – Present
BlueSkyTech — (Remote)

- Incorporate frontend stacks including NextJS, Redux Toolkit, TypeScript, and Material UI to build responsive websites that are compatible with multiple devices and web browsers.
- Implement API calls for streamlined frontend-backend communication

Full-Stack Developer — November, 2021 – June, 2024
University of Utah — Salt Lake City, UT

- Automated 100+ tasks with PowerShell scripts, interacting with database systems such as SQL Server
- Worked in a team and individually to troubleshoot problems in migrating 100000+ user mailboxes and groups within Microsoft Exchange servers.
- Maintained and updated the internal website using tools like Angular, C# .Net, Bootstrap, and Graph API.

PROJECTS

Portfolio Website (xuyennguyen2733.github.io/PortfolioWebsite)

- Languages and tools: Angular 18, Angular Material 18, JavaScript, CSS, HTML, Azure Web Services, Three.js
- Description: A personal website showcasing my work experience and portfolio.

Signable: Learn American Sign Language (ASL) with Machine Learning Solutions

- Languages and tools: React, FastAPI, Python, TensorFlow, MediaPipe, MySQL, AWS
- Description: Trained and integrated machine learning models to evaluate ASL signs; implemented learning mechanisms; implemented user authentication; built databases; designed lesson page UI.

ASL Detection Web App

- Languages and tools: React, FastAPI, JavaScript, HTML, CSS, Python, TensorFlow, MediaPipe
- Description: A machine learning project integrated in a web application, allowing for collecting gesture data of the face, pose, and hands for model training as well as detecting ASL signs using trained models.

Typing Practice

- Languages: HTML, CSS, and Javascript
- Description: a Typer-Shark-styled web app for practicing typing with the Bopomofo keyboard layout