Logan Choi

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EDUCATION

Southern Methodist University Dallas, TX
Bachelor of Science in Computer Science and Data Science *Aug. 2023 – May 2027*

Relevant Coursework: Data Structures, Algorithms, Database Systems, AI, Machine Learning

TECHNICAL SKILLS

Languages: C/C++, TypeScript/JavaScript, Java, HTML/CSS, SQL, Python
Frameworks: React, Next.js, Node.js, Expo
Tools/Platforms: AWS (EC2, Lambda, DynamoDB), Docker, Git, Vercel

EXPERIENCE

ATF Solutions June 2025 – August 2025
Frontend Developer *Remote*
- Developed and deployed a responsive website using Next.js, React, and Tailwind CSS.
- Deployed via Vercel and configured domain, hosting, and DNS for secure, reliable access and consistent uptime.

Watercolor Games June 2023 – August 2023
Web Developer *Remote*
- Designed and built a responsive, user-friendly website using HTML, CSS, and JavaScript.
- Established and maintained the website's domain, server, and pointer, ensuring online accessibility and consistent uptime.

PROJECTS

Terminal Search Engine | *C++, CMake*
- Built a search engine class capable of performing keyword-based queries, filtering, and displaying relevant data through a terminal interface
- Developed functionality to parse and tokenize data from a CSV file for efficient loading and indexing of searchable entries

Sentiment Analyzer | *C++, CMake*
- Built and trained a sentiment classifier class to predict and evaluate tweet sentiments with structured workflows for training, prediction, and performance analysis.

URL Shortener | *AWS, Next.js*
- Designed and implemented a scalable URL shortening service with a REST API using AWS Lambda.
- Built a full-stack web application with Next.js and DynamoDB for efficient storage and retrieval of shortened URLs.
- Deployed the application on AWS EC2, ensuring reliable hosting and seamless user access.

HONORS & AWARDS

SMU Discovery Fellowship
- Awarded each year to a select group of new applicants who show exceptional potential in engineering and the sciences

Founders Scholarship
- Awarded to those students who have demonstrated outstanding academic success throughout high school

ASSOCIATIONS & ACTIVITIES

Rotunda Scholar
- Invited to join for exceptional leadership, hard work, academic excellence, and commitment to serving the community

Computer Science Club
- Participate in discussions, workshops, and hackathons, gaining insights into emerging threats, best practices, and the latest tools and techniques in the field