Evan Varan

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TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, HTML5, CSS, Tailwind CSS, Next.js, JEST

Backend: Node.js, C#, Python, Java, C++, Go, .NET Core, REST APIs

Databases: MySQL, SQL, NoSQL, T-SQL, Microsoft SQL Server, SSMS

Tools & Cloud: Git, GitHub, Docker, AWS

WORK EXPERIENCE

Software Engineer — Remote, CA
Outlier AI — *Apr 2025 - Present*

- Built 15+ mock websites and UI designs with Next.js, TypeScript, React, and Tailwind CSS
- Wrote example backend code in C#, Python, and Java for AI model training
- Composed example SQL queries to help train models on structured data tasks

Founder & Software Engineer — Austin, TX
From the Heart Tutoring — *Apr 2022 - Present*

- Launched the company website using HTML5, CSS, and JS on AWS S3, cutting onboarding time by 99%.
- Designed and deployed a MVC booking service with a React frontend, C# REST API backend, and DynamoDB data layer, containerized with Docker and hosted using AWS microservices
- Managed a team of 10+, leading operations, product direction, and user experience

Lead Software Engineering Instructor — Remote, MA
Codewiz — *Jun 2019 – Feb 2022*

- Led C# and Unity instruction for students, managing a team of 5+ developers
- Instructed programming to ages 5–18 with a 90% course completion rate
- Produced 15+ video tutorials on C#, Java, Python, and software design concepts

PROJECT EXPERIENCE

NASA Federal Research Grant
NASA & Texas State University

- Researched and developed a proof-of-concept autonomous lighting and camera system for lunar rovers in collaboration with NASA and Texas State University. Achieved 4th in overall design at state competition.

AI Drone Detection System
Texas State University

- Developed six Python-based models using convolutional neural networks (CNNs) and random forests to classify audio clips from three datasets as drone or non-drone sourced.

Analog Timing Circuit Desktop Application
Non-Lethal Enterprises

- Created a full Python desktop application with unit testing as lead developer, supporting a timing circuit for smart crowd control in partnership with Texas State University and Non-Lethal Enterprises.

EDUCATION

Bachelor of Science in Electrical Engineering — San Marcos, Texas
Texas State University, 3.41 GPA

- Specialization in Computer Engineering
- Minors in Computer Science & Applied Mathematics

Associate of Science in Computer Science — Austin, Texas
Austin Community College

CERTIFICATIONS

- **Programming with JavaScript**, Jun 2025 - *Issued by Meta*
- **TypeScript**, Jun 2025 - *Issued by CodeAcademy*
- **Advanced React**, Aug 2025 - *Issued by Meta*