

# Evan Varan

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## TECHNICAL SKILLS

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

**Backend:** .NET Core, C#, Java, Python, C++, Go, REST APIs, ASP.NET

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

**Tools & Cloud:** Git, GitHub, Docker, AWS

## WORK EXPERIENCE

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### Software Engineer

*Outlier AI*

Remote, CA  
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

*From the Heart Tutoring*

Austin, TX  
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

*Codewiz*

Remote, MA  
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

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### 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 4<sup>th</sup> 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

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### Bachelor of Science in Electrical Engineering

*Texas State University, 3.41 GPA*

San Marcos, Texas

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

### Associate of Science in Computer Science

*Austin Community College*

Austin, Texas

## CERTIFICATIONS

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- **Tailwind CSS**, Feb 2025 - *Issued by Meta*
- **C# Programming**, July 2025 - *Issued by Microsoft*
- **Programming with JavaScript**, Jun 2025 - *Issued by Meta*