**Evan Varan**

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[evanvaran.com](https://evanvaran.com) | [github.com/Evan-Varan](https://github.com/Evan-Varan) | [linkedin.com/in/evan-r-varan](https://www.linkedin.com/in/evan-r-varan/)

**TECHNICAL SKILLS**

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

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

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

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

**WORK EXPERIENCE**

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| **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

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| **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

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| **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**

* **TypeScript**, Jun 2025 - *Issued by CodeAcademy*
* **C# Programming**, July 2025 - *Issued by Microsoft*
* **Advanced React**, Aug 2025 - *Issued by Meta*