About Me

An undergraduate student at the California Institute of Technology with a passion for technical solutions that drive tangible change in people's lives.

Skills

C/C++

Java

Python

HTML/CSS

SQL

Excel

Agile Project Management

ITIL Framework

Links

LinkedIn:

www.linkedin.com/in/e-speer

Edward Speer
Undergraduate Student

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Work Experience

Texas Department of Transportation
Austin
2022

IT Project Management Intern
Lean project management of IT infrastructure and operations projects, and manuevering within the ITIL framework. Demonstrated leadership and project delivery capabilities.

K-12 Science and Mathematics Tutor
Remote
2019-2022

Remote Tutor
Worked with students aged elementary through high school, teaching subjects including calculus, geometry, chemistry, physics, and programming. Developed communication and leadership skills.

Thor's Backyard Nursery
Austin
2020-2021

Plant Nursery Manager
Oversaw the operations of a web-based plant nursery including managing the online storefront, overseeing the fulfillment of orders, and designing and constructing order packaging.

Education

California Institute of Technology
2021-2025

Computer Science Major
GPA: 4.1
Advanced Coursework: Datastructures, Software Design, Computing Systems, Object Oriented Programming, Discrete Mathematics
Activities: Intercollegiate Baseball Athlete

Leander High School
2017-2021

International Baccalaureate Diploma Recipient
GPA: 4.0 unweighted, 5.737 weighted
Rank: 3/550
Research Topics: Combustion Engine Mechanics, Electromagnetics and Magnetic Circuits

Awards

IBM Watson Memorial Scholarship
2021-2025

Awarded by IBM for students showing promise in advanced technical studies who are the children of IBM employees.

National Merit Scholarship Finalist
2021

A program awarding students of exceptional achievement on both standardized testing and throughout their high school career

First Team Academic All-State Baseball
2021

An honor given to high school baseball players in Texas who demonstrate exceptional accomplishment in both athletics and academics.