

# Adam B. Zeidan

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## EDUCATION

### Saddleback College

A.S. in Computer Science

- o **GPA:** 4.0, Honors Program
- o **Memberships & Affiliations:** Phi Theta Kappa Honor Society, Alpha Gamma Sigma Honor Society

Orange County, California

Expected Transfer, May 2026

### Tesoro High School

- o **GPA:** 4.5
- o **Recognitions/Awards:** AP Capstone Diploma, AP Scholar, National Honor Society, California Scholarship Federation Lifetime Member, Superintendent's & Principal's Honor Roll
- o **Related Coursework:** AP Computer Science A, Calculus BC, Honors Physics, AP Research, AP Seminar, Coding in C++

Orange County, California

Aug 2021 – Jun 2024

## EXPERIENCE

### The CodeBase

Software Engineer

- **Built and deployed dynamic websites** for non-profits using **HTML**, **CSS**, and **JavaScript**, leveraging **Git**, **GitHub Actions**, and **CI/CD pipelines** for **version control**, **deployment**, and **testing**, enhancing accessibility and community outreach.
- Lead and organized **Python** programming boot camps and **Hackathons**, fostering technical education and collaboration among community members and students from surrounding schools.

Orange County, California

Oct 2024 – Present

### Mathnasium

Mathematics Tutor

- Provided tailored tutoring in **Algebra** up to **Calculus**, applying **statistical analysis** to assess learning trends and improving student test scores by **20%** with adaptive teaching techniques.
- Created interactive exercises using **Desmos** and **GeoGebra**, fostering engagement and deeper understanding.

Orange County, California

Aug 2023 – Jun 2024

## PROJECTS

### Amazon Clone

- Developed an **e-commerce** clone simulating **Amazon's** core features to gain hands-on experience in implementing scalable **front-end** design.
- Leveraged the **dayJs library** for **dynamic time handling**, implemented **fetch API** for seamless **HTTP requests**, and incorporated **Jasmine testing** for robust error handling and code validation.

HTML | CSS | Javascript | Git

### Published Research

Lead Researcher & Author

- **Published** research in the *International Journal of Progressive Research in Science and Engineering*, offering critical insights into future workforce trends in **AI** and **software industries**, and providing **data-driven** recommendations for aligning educational and professional training programs with evolving market needs.
- Analyzed the impact of **AI** adoption on job satisfaction, revealing an **85% increase** in satisfaction levels among employees in **AI-integrated** roles, and offered actionable insights for enhancing workplace morale.

Orange County, California

Aug 2023 – Jun 2024

## ACTIVITIES AND LEADERSHIP

### Associated Student Government (ASG)

Public Relations Officer

- Increase event attendance by implementing targeted social media campaigns and creating engaging promotional content for campus-wide events.
- Enhance International & Diversity Student Council's online presence, through interactive posts and cross-promotion with other campus organizations.

Orange County, California

Aug 2024 – Present

### Saddleback Mentor Collective Program

Certified Student Mentor

- Boost mentee retention rates by fostering a supportive environment and offering personalized advice, resulting in higher engagement and continued participation.
- Guided first-year students, providing assistance on academics and campus resources to ensure a smooth transition.

Orange County, California

Aug 2024 – Present

## TECHNICAL SKILLS

**Languages:** Java, C++, Python, JavaScript, React, HTML, CSS

**Libraries/Frameworks:** Spring Boot

**Tools:** IntelliJ, Visual Studio Code, XCode, Git, GitHub Actions