

# ZACH BAR

## WEBSITE, PORTFOLIO, PROFILES

- [www.zachbarswebsite.com](http://www.zachbarswebsite.com)
- [www.linkedin.com/in/zach-bar](http://www.linkedin.com/in/zach-bar)
- [www.github.com/zach-bar](http://www.github.com/zach-bar)

## EDUCATION

**College of The Canyons**, Santa Clarita, CA

**No Degree**, Computer Science, Expected in 05/2024

- 3.88 GPA
- National Society of Leadership and Success (NSLS) Member
- Extracurricular Activities: Speech Team, Math Engineering Science Achievement (MESA), Computer Programming Club
- Good Standing [Fall 2022]

**Pasadena City College**, Pasadena

**No Degree**, Mathematics, Expected in 05/2024

- 3.613 GPA
- Dean's List [Fall 2021]

**Los Angeles Valley College**, Van Nuys, CA

**No Degree**, Physics, Expected in 12/2023

- 3.5 GPA

## PROFESSIONAL SUMMARY

Complex problem-solver with analytical and driven mindset. Detail-oriented, coordinated and meticulous employee. Enthusiastic team player ready to contribute to company success. Dedicated to achieving demanding development objectives according to tight schedules while producing well-written, organized, and efficacious code.

## SKILLS

- Fluency in C, C++, C#
- Web-Based Software Engineering
- UI/UX
- JavaScript Expertise
- Data Structures
- Code Review
- Linux Environments
- Debugging

## PROFESSIONAL EXPERIENCE

**SOFTWARE DEVELOPMENT FREELANCER** 12/2022 to Current

- Revised, modularized and updated old code bases to modern development standards,

- reducing operating costs, and improving functionality.
- Designed reusable and reliable code for use within distributed cloud environments.
- Documented software development methodologies in technical manuals to be used by IT personnel in future projects.
- Inspected equipment, assessed functionality and optimized controls.

**CODE SENSEI** 09/2022 to Current

**Code Ninjas**, Encino, CA

- Applied knowledge of computer logic and software systems to guide children in the understanding and incorporating computer programming
- Learned the internal functionalities of Unity and the Game Development Program we refer to as the Code Ninjas Dojo or Dojo for short, and pass this knowledge to the students on their trial days
- Incorporated education tactics to keep children on task and entertained by the premise of game development

**COMPUTER SCIENCE TUTOR** 08/2022 to Current

- Worked closely with students on specific class struggles, closely reviewing materials and assignments to offer targeted help.
- Assessed student learning needs and provided relevant instruction to close knowledge gaps.
- Instructed students in small groups of no more than 5 to offer shared learning sessions.
- Conducted review sessions to help students prepare for tests.

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**LANGUAGES**

**Hebrew**

**English**