ZACH BAR

WEBSITE, PORTFOLIO, PROFILES

- www.zachbarswebsite.com
- www.linkedin.com/in/zach-bar
- www.github.com/zach-bar

EDUCATION

College of The Canyons, Santa Clarita, CA
No Degree, Computer Science, Expected in 05/2024
- 3.86 GPA

Pasadena City College, Pasadena
No Degree, Mathematics, Expected in 05/2024
- Dean's List [Fall 2021]
- 3.613 GPA

PROFESSIONAL SUMMARY

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

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, andpass 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.

LANGUAGES

Hebrew   **English**