

# Travis Boyd

Bachelor of Computer Science  
Oakland University

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TravisBoyd884  
Travis Boyd

## EDUCATION

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### •Bachelor of Computer Science

Oakland University

2022-present

GPA: 3.96

## PERSONAL PROJECTS

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### •Portfolio Website

- Designed and developed a dynamic and visually engaging portfolio website that showcases my skills, projects, and achievements.
- Technology Used: TypeScript, HTML, CSS, React, tailwindcss, Three.js, Next.js
- www.travisboyd.xyz

### •Typing Trainer for Coders

- Built to improve the typing speed and accuracy of coders while incorporating programming code snippets, thereby catering to their unique needs.
- Technology Used: React, Next.js, Typescript, HTML, CSS, tailwindcss.

### •Chess Game

- Designed and programmed a fully-functional Chess Game utilizing the SDL2 (Simple DirectMedia Layer) library, offering players an immersive digital platform to enjoy the classic game of chess with intuitive controls and a visually appealing interface.
- Technology Used : C++, SDL2, Event-Driven Architecture, Algorithm Optimization.

### •Realtime Chat App

A react based web application which allow users to chat in real time.

- Used Firebase Authentication(SDK) to facilitate authentication & Cloud Firestore to store data.
- Technology Used: Reactjs, Firebase, tailwindcss, HTMLs.

## EXPERIENCE

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### •Research Assistant

Oakland University

September 2023 - Present

- Conducted research on database interactions with large language models (LLMs).
- Implemented two factor authentication and access control.
- Designed and implemented the user interface.

### •Resident Assistant

Oakland University

September 2023 - Present

- Provided guidance and support to residents, fostering a positive living and learning environment.
- Developed strong communication and interpersonal skills through regular interactions with diverse individuals.
- Demonstrated leadership by organizing and coordinating events and programs.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C/C++, Python, JavaScript, TypeScript, Java, HTML, CSS

**Libraries :** C++, SDL2, React

**Tools:** Nodejs, VScode, Git, Github

**Frameworks:** Next.js

**Cloud/Databases:** MongoDB, Firebase, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Intro to Networks, Object Oriented Programming, Intro to C Programming and Unix, Discrete Math, Linear Algebra

**Areas of Interest:** Web Design and Development, Computer Graphics, Artificial Intelligence, Machine Learning

**Soft Skills:** Problem Solving, Self-learning, Time management, Interpersonal Skills, Teamwork, Adaptability