

# Ivan Zarate

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## Education

### University of Wisconsin Parkside *Kenosha, WI*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, Cumulative GPA: 3.7/4.0 Magna Cum Laude, August 2021

- Received OS Distinguished Scholarship for Academic Excellence for 4 years
- Experience with Data Structures, Operating Systems, and Unit Testing
- Dean's List Fall 2017, Spring 2018, Spring 2020, Fall 2020

## Skills

### Languages

- **Proficiency in:** Java, JavaScript
- **Experience with:** Python, C++

### Frameworks

- **Experience with:** Docker, Express

### Libraries

- **Proficiency in:** React, Axios, Socket.IO

### Other

- **Experience with:** AWS, Git, Node JS, Batch Shell, Databases, Jira, Scrum, SQL, Firebase

## Projects

- Created a command line interface based on Unix Bash shell written in Java which utilized Docker to connect to databases for DNA sequence retrieval.
- Led team development on DNA sequencing application written in Java which could retrieve up to a thousand results in under a minute.
- Designed and developed an extension for a professional organization's website in React with Firebase authentication.
- Created multiplayer tic-tac-toe application with real time chat through socket.io connection and a backend API.
- Worked with a non-profit organization to create SQL database for better management.
- Developed and designed a Next.js React real estate website application that connected and utilized a Scraper real estate API.
- Developed and designed an attraction locator website application that utilized Google Maps API.
- Developed and designed React JS finance website with smooth scroll and styled components.