

# Jonathan Ibarra

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## SUMMARY OF QUALIFICATIONS

- Programming Languages: C#, C/C++, Javascript, ReactJS, SQL, HTML5, CSS3
- Operating Systems: Linux, Mac OS X, Windows
- Knowledge of Scrum, Agile development, Entity Framework, Web applications, Object-Oriented Programming, Software Testing, Data Structures and Algorithms.
- Self-funded education while working 30 hours/week while attending school full time.
- Developed communication skills while working as a Table Assistant and during class projects in college.

## EDUCATION

**Concurrent Degrees: B.S. in Computer Science; B.S. in Psychology**

August 2024

Colorado State University, Fort Collins, Colorado

## TECHNOLOGY PROJECTS

### Object-Oriented Chess Application

- Collaborated in a team of 5, utilizing Github and Scrum processes, to develop a full stack Chess web application with a RESTful API and database using Java and ReactJS.
- Extracted domain and class models from business requirements to develop object-oriented designs for cleaner testable software.

### Project Management Application

- Collaborated in a team of 5, utilizing Github and Scrum processes, to support each other through code reviews and communicating on Microsoft Teams.
- Developed an application for companies to manage their projects, workers, and their qualifications using a Model-View-Controller architecture.
- Derived automated unit and integration test suite allowing for client to server RESTful API testing.
- Described workflows to be demonstrated in front of professors in a live demo.

### Trip Planner

- Collaborated in a team of 5, utilizing Github and Scrum processes, to implement multiple features of a single page web application for trip planning across multiple sprints in the span of 3 months.
- Reviewed peers' code and offered suggestions improving team cohesion and software quality.
- Presented and demonstrated system progress to a class of 60 students.

## EXPERIENCE

### Table Assistant

Sep 2024 - Mar 2025

Casa Bonita, Lakewood, Colorado

- Created a memorable dining and entertainment experience for nearly 3000 guests daily by promptly resetting tables, maintaining cleanliness in dining areas, and restocking dining utilities.
- Provided servers with a seamless working experience and engaged guests with a welcoming demeanor.

### Event Coordinator

Aug 2021 – June 2022

Amplify Learning Community, Colorado State University, Fort Collins, CO

- Fostered a residential learning community by developing around 3-5 events for the Fall and Spring semesters each while collaborating with stakeholders.
- Managed a social media account scheduling and uploading around 3 posts a week for the entire school year promoting diversity and curiosity within the College of Natural Science.

## ORGANIZATIONS

### Computer Science Officer

Jan 2024 – May 2024

Game Development Club, Colorado State University, Fort Collins, Colorado

- Hosted weekly meetings introducing a diverse range of students to the technical aspects of game development broadening their perspectives on a core hobby they enjoy.