

# Ava Tovi

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## EDUCATION

### San Diego State University

Bachelor of Science, Computer Science

San Diego, CA

Aug 2024 - Present

### Cuyamaca Community College

Associate in Science Degree Awarded in Computer Science for Transfer with Honors

San Diego, CA

Aug 2020 - May 2024

Associate in Science Degree Awarded in University Studies (IGETC) - Science and Mathematics with Honors

- Obtained a 3.73 cumulative GPA.
- Achieved the President's and Vice President's list every semester attended at Cuyamaca Community College.

## EXPERIENCE

### Section Leader

June 2023 - Jan 2024

AJM Packaging Corporation, San Diego, California

- **Lead and Supervise:** Oversee and manage a team of stackers, ensuring efficient and accurate stacking of products in accordance with company standards.
- **Training and Development:** Train new employees on stacking procedures, safety protocols, and operational guidelines to ensure high performance and adherence to standards.

## Projects

### Collaborative Merkle Tree Implementation (Java)

- Collaborated with classmates to design and implement a Merkle Tree for secure data verification in distributed systems.
- Developed hashing algorithms and tree traversal methods, optimizing performance and ensuring data integrity.

### Weather Forecast Application (Java)

- Designed and programmed a weather forecasting tool with real-time data retrieval and display.

### Oregon Trail Video Game (C++)

- Developed a classic Oregon Trail simulation game, incorporating gameplay mechanics and historical elements.
- Implemented an interactive text-based user interface and game logic for an engaging user experience.

### Company Website for a Dog Breeding Selling Business

- Developed a responsive website using **HTML**, **CSS**, and **JavaScript**, allowing users to browse available dogs and view detailed breed information.
- Integrated a booking system for scheduling appointments and inquiries, enhancing customer engagement and streamlining communication.

## SKILLS & INTERESTS

### Related Skills:

- **Languages:** Python, Java, C++, C, C#, HTML, JavaScript, and CSS
- **Operating Systems:** Proficient in Windows, Linux, and macOS
- **Soft Skills:** Communication, Leadership, Teamwork, Problem Solving, and Critical Thinking

### Interests:

- **Coding:** Passionate about programming and regularly engaging in coding prompts and projects during my free time to enhance my skills and stay updated with new technologies.
- **Combat Sports:** Actively train in boxing, Muay Thai, and Brazilian Jiu-Jitsu (BJJ), which helps in building discipline, perseverance, and strategic thinking.