MELODY GATAN

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EDUCATION

California State University Long Beach - Bachelors of Science, Computer Science   **December 2025**
Relevant coursework: **GPA (3.6)**

- Data Structures, Discrete Structures, Algorithms, Database Fundamentals, Object-Oriented Programming (Python), Digital Logic and Assembly Programming, Computer Architecture and Organization, Intro Computer Security Principle, System Programming (C++)

JOBS & EXPERIENCE

Web Developer Intern | CSULB Esports Association -csulbesports.online   **Sept 2023 - July 2024**

- Enhanced website performance by 20% through optimization of PHP and MySQL queries
- Maintained and updated web pages to improve the CSULB Esports Association's website
- Developed a player tryouts feature, enabling each game's manager to edit tryout signup dates and update them to the database, resulting in a 25% increase in user engagement
- Utilized Jira for project management and defect tracking, ensuring timely resolution of issues and efficient workflow management

Target | Fulfillment Expert   **Aug 2021 - Present**

- Collaborate with a team of 5, exceeding daily customer service quotas with a total of over 2000 online orders

Secretary | Women in Computing (WiC) - CSULB   **Aug 2023 - April 2024**

- Automated email communication using MailChimp, reducing manual effort by 30% and increasing event attendance by 15%.
- Coordinated event promotion with flyers for meetings and workshops
- Maintained organized records in Google Drive, promptly addressed inquiries

PROJECTS & HACKATHONS

Discord Music Recc Bot | MarinaHacks 3.0 Hackathon   **Apr 2023**

- Developed Ser Tibbles, a music recommendation Discord bot using **Python**, **Discord.py**, and **Spotify API**, securing 2nd place in the entertainment category.
- Implemented commands for genre-based and Spotify URL-based song recommendations, overcoming challenges with Discord API Intents and secure token storage
- GitHub Repo DevPost

Notion Clone (personal project)   **May 2024**

- Currently developing a Notion clone using **Next.js**, **React**, **Node.js**, and **Convex**, featuring document creation, archiving, and a trashbox with restore/delete functionality.
- Features: Implemented a collapsible side navbar, user settings dropdown, and dark/light mode for enhanced user experience. Connected Clerk authentication and Convex database for secure user management and data storage.
- GitHub Repo

Shoping Cart app (personal project)   **August 2023**

- Developed a shopping cart application using **React**, **React Router DOM**, **Vite**, and **Axios**, featuring product listing, cart management, and checkout functionality
- Features: Implemented product listing, cart management, and a checkout process with navigation between shop and cart pages
- GitHub Repo

TECHNICAL SKILLS

Programming Languages | Python, C++, PHP, Java
Web Development | React, HTML, CSS, JavaScript, WordPress
Database Management | MySQL, SQL, PostgreSQL, MongoDB, Convex
Tools & Technologies | Git, Visual Studio Code, Jira