# Mario Chong Loo

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## PROFESSIONAL EXPERIENCE

**LACCD Web Services Team Intern** | **Jacobs x BuildLACCD** | *Monterey Park, CA*                (**2024**)

- As a **WST** Intern with the **Los Angeles Community College District**, I collaborated closely with engineers and project managers, facilitating project coordination and leveraging various computer-assisted engineering software. Actively contributed to data collection efforts, expanding expertise and exposure to diverse field facets. Assisted in maintaining websites and data systems across nine colleges within the **Los Angeles Community College District**, enhancing accessibility for over 230,000 students and employees.
- I complete my daily clock-in/out with my supervisor and internship coordinator through email and Teams. I participate in Scrum, Sprint, Stakeholder, and Design Meetings. I take notes throughout the meetings to keep a record so engineers can refer back to it. I participate in office hours with a couple of web developers to help customers solve website issues live. I contribute to helping web designers, web architects, and web developers with challenging tasks.
- Collaborating with engineers and project managers at LACCD, I enhanced website accessibility for over 230,000 users, contributed to data system maintenance, and supported cross-functional teams in solving complex web development challenges.

**IT Support Technician** | **RiverStreamz** | *El Segundo, CA*                (**2024**)

- I completed my clock in/out through Cherwell. Played a crucial role as a Field Support Technician during the 2024 Primary Elections and 2024 General Elections, ensuring seamless operation of election infrastructure. Addressed paper jams in Ballot Marking Devices (BMDs) and Ballot Activation Mechanism (BAM) printers, safeguarding the integrity of the balloting process. Synchronized Electronic Poll Books (EPollBooks), ensuring stable connections and reliable power supply management.
- Conducted proactive maintenance on BMDs, EPollBooks, and BAM printers, including implementing software updates and optimizing touchscreen calibration. Implemented robust security measures across all devices, including routers, Uninterruptible Power Supplies (UPS), BMD carts, EPollBook carts, and printers. Documented installations, maintenance procedures, and issue resolutions to enhance transparency and ensure compliance with legal and regulatory standards. Contributed to the success and integrity of the electoral process through technical excellence and security commitment.
- As a FST during the 2024 elections, I ensured the integrity of the electoral process by maintaining a secure and efficient election infrastructure, resolving technical issues, and documenting procedures to uphold compliance and transparency.

**Sandwich Artist** | **Subway** | *El Monte, CA*                (**2024**)

- Prepared and served high-quality food to customers, ensuring adherence to health and safety standards while maintaining excellent customer service. Managed cash register operations, inventory tracking, and store cleanliness to support daily business efficiency and customer satisfaction.

**Shift Lead Barista** | **Ding Tea** | *El Monte, CA*                (**2023**)

- Maintained a pristine and organized work area, ensuring compliance with health and safety. Delivered exceptional customer service, including taking orders, addressing inquiries about drink offerings, and ensuring customer satisfaction. Managed inventory by restocking syrups, toppings, and other supplies as required.

# EDUCATION

## California State University | *CA*                                    **(2025-2027)**
**Bachelor's Degree** |
- I will pursue a Bachelor's Degree in Computer Science from 2025-2027 at California State University.


## East Los Angeles College | *Monterrey Park, CA*                     **(2021-2024)**
**Associate's Degree** | **GPA:** 3.68 | Dean's List
- Member of the Society of Hispanic Professional Engineers(SHPE)
- **Relevant Courses**: Object Oriented Programming in C++, Data Structures and Algorithms in C++, Programming in Java, Programming in HTML and CSS, Intro to Cyber Security, CS 101 Intro to Comp Sci in Python, Introduction to Computer Organization and Architecture, Discrete Structures in Java, Advance Programming in Java.


## San Gabriel Academy | *San Gabriel, CA*                             **(2019-2021)**
**High School Degree/Diploma** | **GPA:** 3.6 | High School Degree with honors.
- **Extracurricular**: Varsity Soccer.

# SKILLS

**Programming Languages:** C++ (Advanced), Java (Advanced), Python (Advanced), HTML and CSS (Advanced).

**Operating Systems:** Windows, macOS, and Linux

**Skills**: typing 80+ wpm, Excel, Word, Teams, Powerpoint, MS Office, Photoshop, Premiere Pro, Visual Studio, JGRASP, SFML, QA, Sprint Planning, Scrums, Drupal, Fitness, Health, Punctuality, Reliability, Call Center, Alarm Monitoring, Multitask, Teamwork, Strong listener, problem-solving, databases, data entry, Technical skills, Extracurricular projects, Internship experience, Git, Pull requests, Debugger, Computer networking, IP/UDP/TCP, IDEs, Docker, Analytical skills, Attention to detail, Good and clear communication skills, quick learner, Professional team environment, Eagerness to learn, Adaptability, Dynamic startup environment, Collaboration, Positive attitude, Team spirit, source code, build, deploy, orchestration, configuration management tools, scripts, AWS, IT Support, Corporate Function Experience, troubleshooting, building/upgrading desktop computers, entry-level IT, UI/UX, process controller, SQL, AI, Spark, Kafka, Hive, Iceberg, Snowflake, Redshift, Network Security, IP-based networking, routing protocols.

**Physical Demands**: lift and carry more than 25 lbs. Crawling, climbing, reaching, handling, kneeling, stooping, crouching, forklift.

# PROJECTS

**TicTacToe** — C++ (20 hours)


**Snake_Game** — C++ (35 hours)


**First_Person_Maze**— C++ (50 hours)

- **C++ Compiler**, **IDE (Integrated Development Environment)**, and **Windows API (Windows.h)**.
- Understanding trigonometry for raycasting. Knowledge of game loop, user input, and rendering techniques. Basic understanding of shading, perspective, and 3D rendering concepts. Understanding time-based movement and rendering. Knowledge of using platform-specific APIs, such as Windows API. Understanding memory allocation and deallocation.

## LANGUAGES AND OTHER

- Fluent in **English**(Speak/Read/Write)
- Fluent in **Spanish**(Speak/Read/Write)
- Fluent in **Chinese**/Cantonese(Speak)

**Other**: Legally authorized to work in the United States without visa sponsorship and possess a Valid California driver's license.

## VOLUNTEER EXPERIENCE

**OC Marathon Water Station @ Miles 23 │ BUILDING HUMANITY │ *Costa Mesa, CA*    *(2024)***

- Celebrating the 20th anniversary of the HOAG OC Marathon by volunteering at the Mile 23 Water Station! As we distribute water and cheer on the runners, we'll also be spreading awareness for Building Humanity, a local non-profit dedicated to empowering communities in need. Let's come together for a morning of enjoyment and support, helping marathoners cross the finish line with strength and spirit!