

# Bosco Tan

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## Education

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### San Francisco State University

2028

- Bachelors Degree in Computer Science

## Training

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### Dev/Mission

2025

- Pre-Apprenticeship Tech Program

## Skills

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- **Software:** Google Suite, Microsoft Office, MacOS, Windows 10/11, Visual Studios Code
- **Languages:** Chinese, Java, JavaScript, HTML, CSS.
- **Hardware:** PC assembling and troubleshooting, Soldering
- **Tools:** GitHub, Drivers License

## Projects

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### Dev/Mission

Sept. 2025 - Dec. 2025

- Internet of Things Circuitry Project;
  - Developed a project inspired by real-life experiences and applied skills in circuitry, wiring, sensor integration, and remote control functionality.
  - Created an initial project draft on TInkerCad, then built a functional prototype using Arduino, a motion sensor, custom wiring, and a remote control system.
- Web App Project
  - Designed and built a web application to help San Francisco residents and tourists discover local parks and outdoor recreation areas.
  - Integrated Airtable as a cloud database to manage park information, including accessibility details and map-based guidance.
  - Utilized HTML, CSS, and Bootstrap to create a responsive and user-friendly interface that highlights park locations and key features.

## Work Experience

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### Ice Cream Barista | *Icicles*

Apr. 2024 – Present

- Operated Toast POS system to process orders, handle payments, apply discounts, and resolve transaction issues accurately.
- Delivered friendly and efficient customer service by greeting guests, answering questions, and ensuring a positive dining experience.
- Managed backstock and inventory restocking, ensuring supplies were organized and available during peak hours.
- Maintained a clean and sanitized work environment, following health and safety guidelines for equipment, food prep areas, and dining spaces.
- Assisted team members during high-volume hours by preparing orders quickly while maintaining quality and presentation.

### Pre Apprentice | Dev/Mission

Sep. 2025 - Dec. 2025

- Took apart and put back together desktop computers by installing hardware components, operating systems, and troubleshooting system issues.

- Assembled basic IoT projects using Arduino, including wiring circuits, programming sensors, and testing hardware functionality.
- Gained hands-on experience with computer hardware diagnostics, system imaging, and component replacement (CPU, SSD, power supplies).
- Designed and styled web pages using HTML,CSS and Bootstrap.
- Collaborated with team members to solve technical problems, debug circuits, and present projects.
- Developed foundational knowledge in networking, cybersecurity awareness, and IT support best practices.