

IAN CARMENATES

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EDUCATION

Florida International University: Miami, FL

Dec 2028

Bachelor of Science in Mechanical Engineering

Miami Dade College: Miami, FL

Associates of Science

PROFESSIONAL EXPERIENCE

Technician

Aug 2025 - Present

Arcade Time Entertainment

- Maintain and optimize a fleet of 128 arcade machines, ensuring a 95% operational uptime through preventative maintenance and component level repair.
- Manage technical procurement and supply chain logistics, identifying critical failure points to order specialized components and reduce repair lead times.
- Give daily updates to management on which machines are broken, what parts are ordered, and when they will be fixed.
- Perform root-cause analysis and repair on complex systems including integrated PCBs, electrical subsystems, and commercial thermal units.
- Use tools like multimeters, soldering machines, and power tools to fix problems throughout the building.

Sales, Operations, & Asset Protection Associate

Aug 2024 - Dec 2025

Bestbuy

- Worked as the Front Door Associate (FDA) to check receipts and watch security cameras to prevent theft.
- Sold computers and electronics by explaining how they work to help customers pick the right tech.
- Managed store stock by unloading trucks and organizing the warehouse.

Lead Technician

July 2023 - Aug 2024

Planet Air Sports

- Directed a technical team of 2 technicians, assigning daily diagnostic and repair tasks for all facility wide mechanical and electrical equipment.
- Optimized facility floor plan for maximum guest engagement and equipment longevity, managing the logistics of large scale hardware replacement cycles.
- Diagnosed and repaired equipment quickly to keep the facility running, tightening up maintenance scheduling to cut down on downtime.
- Tracked parts inventory and repair logs to lower operational costs and speed up fixes.
- Oversaw building-wide electrical and mechanical repairs to ensure safety and constant operation

Skills & Certifications

Mechanical: Engine Diagnostics (BMW ISTA), Drivetrain Maintenance, Precision Measurement, Soldering, Component-Level Repair, Pneumatic Systems.

Software/Analysis: Linux (Mint/CLI), Windows Systems, Autodesk Fusion 360, Python, MG Flasher Data Logging.

Tools: 3D Printing (Bambu P1S), Multimeters, Power tools, Hydraulic Lifts, Networking.

Languages: English (Fluent) and Spanish (Intermediate).