

Emil Amedee

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Experience

2026 – Present Cx4b; Commissioning for Buildings, LLC Deerfield Beach, FL

Project Engineer

- Conduct analysis, design, and documentation for controls, plumbing systems, and heating, ventilation, and air conditioning (HVAC) systems.
- Drafting in AutoCAD, perform advanced HVAC load calculations.
- Use the psychrometric chart properly for any HVAC system.

Aug 2023-Nov 2023 Ambro Inc. Miami, FL

Blueprint Analyst

- Reviewed and verified blueprints for street light installations using AutoCAD.
- Identified discrepancies and worked with engineers to resolve potential errors.
- Labeled all streetlights and power poles for streamlined documentation, improving project efficiency.

May 2023 – Sep 2023 U.G. Research Experience FIU Miami, FL

CAD Design Engineer

- Redesigned an existing machine to meet multiple specifications and improve transportability.
- Selected lightweight, durable materials to enhance performance and longevity.
- Focused on modularization to facilitate ease of assembly and cost-effectiveness.

Oct 2020 – Oct 2021 Stone Hart's Indoor Range Miami, FL

Range Safety Officer, Sales Rep, and Cashier

- Assisted customers in selecting appropriate equipment and explaining basic principles.
- Delivered comprehensive safety briefings and ensured compliance with range regulations.
- Managed sales transactions and maintained inventory in a high-paced environment.

June 2018 – Aug 2019 Zaniac Learning Miami, FL

3D Printing/CAD Instructor

- Taught elementary and middle school students fundamentals using TinkerCAD and Fusion 360.
- Instructed students on designing and preparing objects for 3D printing.
- Maintained and troubleshooted 3D printers, ensuring smooth operation for student projects.

Education

Graduated Dec 2025 Florida International University Miami, FL

- Bachelor of Science in Mechanical Engineering

Interests

Automotive Racing, Trophy Fishing, 3D Printing, Powerlifting