LUIS MARTINEZ

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PROFESSIONAL PROFILE

Marine Corps veteran, electrical engineering student, and technology enthusiast with a genuine commitment to helping others and solving difficult problems. Experience spanning military aviation maintenance, hands-on digital fabrication, Apple technical support, and high-volume hospitality. Known for making complex technology approachable, navigating service challenges with care, and staying composed under pressure. Bring precision, safety, and accountability to every role—and step forward when a team needs direction.

TECHNICAL & PROFESSIONAL SKILLS

3D Printing & Fabrication: Prusa and Creality FDM printers, PrusaSlicer, printer calibration, extrusion-clog repair, laser cutting, rapid prototyping

Design & Electronics: Autodesk Fusion 360, custom CAD designs, OpenSCAD, introductory circuit soldering

Service & Operations: Technical troubleshooting, student support, facility opening/closing, customer service, team training, safety procedures

PROFESSIONAL EXPERIENCE

Montgomery College | Makerspace Student Aide Fall 2024 – Spring 2026

- Supported daily makerspace operations and assisted several students each day with 3D printing, equipment use, and project troubleshooting.
- Operated Prusa and Creality 3D printers; prepared files with PrusaSlicer, calibrated printers and associated software, and resolved extrusion clogs and print failures.
- Created custom designs in Autodesk Fusion 360 and used OpenSCAD to explore digital modeling and fabrication workflows.
- Gained hands-on experience with laser cutting and soldering electronic circuitry; translated technical processes into approachable guidance for students.
- Entrusted with opening and closing the makerspace independently and maintaining a safe, organized, ready-to-use workspace.

Starbucks | Barista Nov 2024 – Present

- Deliver attentive, accurate service while balancing in-store and mobile orders in a high-volume team environment.
- Resolve customer concerns and order errors with urgency and care; handle payments and uphold food-safety and quality standards.

La Grande Boucherie | Bartender Jan 2024 – Jun 2024

- Created personalized cocktail recommendations and polished guest experiences in an upscale dining environment.
- Maintained bar readiness and inventory while following responsible service standards.

The Bazaar by José Andrés | Bartender Jan 2023 – Jan 2024

- Built guest relationships through thoughtful recommendations, product knowledge, and attentive hospitality.
- Trained colleagues in mixology and guest service; collaborated on cocktail menus and recipe standards.

Apple | Technical Specialist Aug 2019 – Mar 2022

- Diagnosed device and software issues, explained solutions clearly, and helped customers use technology with confidence.
- Provided one-on-one guidance on iOS, applications, and device features, including remote support during the pandemic.

United States Marine Corps | Aircraft Hydraulic Mechanic Jun 2013 – Dec 2017

- Troubleshot, repaired, and inspected aircraft systems using technical manuals and blueprints, prioritizing safety and reliability.
- Coordinated maintenance efforts and communicated safety concerns; trained and mentored groups of 8–10 Marines.

EDUCATION & TRAINING

Montgomery College | Electrical Engineering, degree in progress | GPA: 3.4

General Assembly | Software Engineering Bootcamp, completed June 2022 | 420+ hours