

**JAD T. MOURAD**  
Springfield, MA 01118  
413-331-9997  
[jad-mourad@live.com](mailto:jad-mourad@live.com)

---

### **SUMMARY:**

Mechanical Engineering graduate with a Bachelor of Science degree in Engineering with a strong focus in technology based coursework. Proficient in C++ and NX Siemens Software. Bilingual (Arabic/English) and able to interact productively and cross-functionally with people from diverse backgrounds. Performs quality work on time with strong sales, service, business, and relationship building skills.

### **EDUCATION:**

#### **Bachelor of Science (B.S.) in Mechanical Engineering 2020**

WESTERN NEW ENGLAND UNIVERSITY, Springfield, MA , Dean's list Fall 2018

Coursework: • Calculus • Computer Aided Engineering (Siemens NX11) • Differential Equations • Dynamics • Engineering Economic Analysis • Fluid Mechanics • Heat Transfer • Materials Science • Mechanics of Materials • Mechatronics • Product Development and Innovation • Statics • Thermodynamics 1 • Thermodynamics 2 • Vibrations •

#### Projects:

- Senior Design Project: Design & Structural Analysis of a CVT Casing Fall 2019
- Engineering Economic Analysis: Evaluating Two Proposals for Solar Panel Project Fall 2019
- Mechanics of Materials: Bridge Project, Mechanics of Materials Fall 2018

### **PROFESSIONAL EXPERIENCE:**

#### **Technical Sales Engineer Buckley Associates 2022**

- Generated comprehensive quotes for multiple products including but not limited to RGD's VAV's fans and other Mechanical Equipment
- Prepared detail quote submittals based on review of relevant project details (drawings, specification, schedules)

#### **Portafilter Patent US20230210300A1 Filed 2022**

- Collaborated with peer on conceptual design of a multi-use portafilter for use with an espresso coffee machine

#### **Independent Real Estate Investor & Entrepreneur 2014 -Current**

- Successfully purchase, renovate, sell and rent real estate properties in Western, MA
- Manage contractors during renovation projects, ensuring on time completion of projects

#### **Jewelry Sales Hannoush Fine Jewelers 2019 - 2021**

- Performed, sales, service, and product demonstrations to clientele with high expectations

#### **Co-owner/Manager Mocha Emporium Café 2018 - 2019**

- Managed payroll, inventory, product delivery, and quality.

### **COMPUTER/TECHNICAL SKILLS:**

- C++ • NX Siemens Software • Microsoft Office Suite (Word, Excel, PowerPoint)

### **BUSINESS SKILLS:**

- Sales Process • Presenting • Communication • Relationship Building • Merchandising • Operations • Industry and Competitor Knowledge • Merchandising • Entrepreneurship •