

# JOSEPH LETTENY

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## EDUCATION

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### Boston University, College of Engineering

Boston, MA

Master of Science, Mechanical Engineering

Expected Graduation: May 2026

- Cumulative GPA: 3.94/4.0
- Relevant courses: Electrical Circuits, Fluid Mechanics, Thermodynamics, Mechanics of Materials

### Thomas Aquinas College

Santa Paula, CA

Bachelor of Arts, Liberal Arts

Aug 2020 - May 2024

- Cumulative GPA: 3.97/4.0
- Completed a curriculum of original texts foundational to Western philosophy, mathematics, and science
- Engaged in over 2,160 hours of discussion-based classes, analyzing and synthesizing critical connections in Western thought

## SKILLS

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**Technical:** AutoCAD, SOLIDWORKS, HTML, Python, MATLAB, Onshape

**Personal:** Critical thinking, communication, leadership

**Machining:** Water jetting, laser cutting, CNC lathe, CNC mill, 3D printing

## Experience

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### Laborer and Operator

Jul 2022 - Aug 2024

Richard Reed Backhoe Service

Ventura, CA

- Operated and assisted with heavy equipment, including skid steers, backhoes, and a 50-ton excavator
- Collaborated on major projects, such as installing a new fire line for Channel Islands Harbor and underground work for a natural gas power regeneration plant

### Maintenance Worker and Supervisor

May 2020 - May 2024

Thomas Aquinas College

Santa Paula, CA

- Supervised a four-person crew maintaining facilities across 28 buildings
- Developed expertise in lighting installation, metal fabrication, heavy machinery operation, and campus water system maintenance
- Managed emergencies for the campus water system, including shutting off mainlines during leaks and monitoring levels of a 100,000-gallon tank and multiple 5,000-gallon tanks

## Clubs

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### Terrier Motorsport

- Working with a group of students to design and build a formula SAE car

### F1TENTH

- Worked with a team to build and program an autonomous one-tenth scale F1 car