

ELIJAH BURTON
152 River Road, Underhill, VT 05489
802.809.1632 elijahsburton@gmail.com

EDUCATION

University of Vermont College of Engineering and Mathematical Sciences, Burlington, VT *Expected May 2029*
Bachelor of Science (B.S) in Mechanical Engineering

- G.P.A 3.91/4.0

Center for Technology Essex, Essex, VT *August 2023-June 2025*
Engineering and Architecture (I and II)

- G.P.A 3.91/4.0
- Focused in Mechanical Engineering
- Earned SolidWorks Professional Level Certification
- Partnered with FabTech for a real-world application project

WORK EXPERIENCE

Exact Built, Jericho, VT *Summer 2025*
Manufacturing Technician

- Created and manipulated design files in CorelDraw software
- Reading technical schematics, implementing into design files with proper tolerancing
- Independently running, prepping jobs, and maintaining Kern laser cutter, with basic production experience with Keyence laser cutter and Universal Robots collaborative robot arm

Ginkgo Design, Underhill, VT *May 2022-Present*
Design Assistant and Landscape Lighting Installer

- Assisted with site measurements and prepping
- Basics of Vectorworks software, including drafting basemaps
- Installed landscape lighting, hardwiring outdoor fixtures

Beta Technologies, South Burlington, VT *October 2024*
Career Work Experience

- Shadowed design engineer Dylan Kemelor
- Assisted with preparing and testing ducting components for the first manufactured Alia A250 CTOL
- Introduced to Catia, MATLAB, and FEA

INVOLVEMENT

SkillsUSA

Member/Competitor

- Won silver at State level in Engineering and Technology/Design 2024
- Designed, prototyped, and documented components for an autonomous assembly robot for the 2024 competition
- Attended Fall Leadership Conference 2025

Seventh Seed, Huntington, VT *August 2022 – Present*
Volunteer/Event Coordinator/Camp Counselor

- Planned and led youth summer events as a volunteer
- Volunteering to help grow produce for New Moon, which provides for those in need in the Burlington Area
- Working as a camp counselor at their farm and forest-focused summer camp

SKILLS & HONORS

- Skills: Technical Drafting, project organization, group management,
- Software & Platforms: SolidWorks, AutoCAD, CorelDraw, Python
- Additional Honors: High Honor Roll (CTE, 2023-2025), National Technical Honors Society (2024-2025), ACT WorkKeys Platinum Certification