

# HARRISON TRACY

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214 Talmage Rd, Mendham,  
New Jersey, 07945

## Education

New Jersey Institute of Technology (NJIT) – September 2020 – August 2024 (Graduation)

- B.S in **Mechanical Engineering**
- Graduated with 3.28/4.0 GPA

West Morris Mendham Highschool – January 2017 – May 2020 (Graduation)

International School of Basel Switzerland – September 2013 – December 2017

## Work Experience

- **Sales Engineer:** Jul 2022 – Aug 2022 – SICAM Corporation, Hillsborough NJ
  - Quotes, Orders, Customer service, interpreting engineering drawings
  - Planning operating deadlines based on company backlog
- **Additive Manufacturing Operator:** Feb 2022 – Jul 2022 & Jan 2023 – May 2023 – SICAM
  - Polymer Additive Manufacturing technologies
  - Fabricated fixtures for geometric dimension and tolerancing procedures (GD&T)
- **Additive Technician:** Oct 2023 – Mar 2025 – Imperial Machine & Tool, **Kaiser Aluminum**
  - Prototyping, metal additive manufacturing
  - 3D Modelling and Additive Manufacturing post-processing, shop tools
  - Fabricating tooling/fixtures, testing/inspection (pressure/leak tests, tensile tests, material characterization tests)

## Extracurriculars/Accomplishments

- **Lead Design Engineer on Thermal Engineering Project: Liquid-cooled robotic gripper**
  - Project Leader, team of 5 engineers
  - Heat transfer, successfully designed, verified and validated mechanical component
- **Duke of Edinburgh Award: Fall 2016 – Spring 2017**
  - Navigation leader for 7-person team
  - Planned route for 3-day long hike through mountains
- **Stevens Institute of Technology Pre-College Program:** 1 week summer of 2019
  - Teamwork, building final project, presented final project

## Skills/Certifications/Courses

- CAD (SolidWorks), FEA Analysis (Ansys and SolidWorks)
- SolidWorks Mechanical Design Certification
- Excellent Written and Verbal Communication Skills
- International Relations (HSS 404)
  - Grade Received: A
- Oral Presentation (ENG 340)
  - Grade Received: A

## References

Vito Matalliano (908) 635 4306 – Coworker at SICAM Corporation