

LOGAN COOPER

Computer Science and Digital Design

PROFESSIONAL SUMMARY

Dedicated and motivated Computer Science student with leadership qualifications obtained through National Youth Leadership Training and hands-on Engineering R&D experience gained at Unlimited Tomorrow. Proven ability in CAD design, 3D printing, and electronics assembly of prosthetic limbs. Combines technical programming skills (Java and C++) with strong leadership, problem-solving, and efficient project execution.

EMPLOYMENT HISTORY

PRA 2

New York State Parks and Recreation

Aug 2023 - Present

Staatsburg, New York, US

- Pioneered creative solutions for various park maintenance challenges, adeptly managing both team-based preventative work and independent projects.
- Worked on various maintenance projects throughout the parks, including marina maintenance and trail upkeep.

PRODUCTION TEAM

Unlimited Tomorrow

May 2022 - Jan 2023

Rhinebeck, New York, US

- Was a part of prosthetic construction, calibration, and testing.
- Worked with in-house 3D printing of the prosthetic limbs and tested the quality of prints.
- Was taught and learned how to program various limb functions and assemble the electronics of the limbs.
- The hands-on work I completed allowed me to see the physical side of Engineering and to gain experience in the assembly of CAD-designed parts.
- Pioneered limb maintenance techniques in R&D, enhancing prosthetic durability and functionality for improved patient outcomes

ORDER FULFILLMENT ASSOCIATE

The Home Depot

Dec 2020 - Jan 2022

Poughkeepsie, New York, US

- Learned how to work at a fast pace and how to optimize my work output to uphold order fulfillment.
- Streamlined order fulfillment processes, significantly reducing processing time and enhancing customer satisfaction in a fast-paced retail environment.

EDUCATION

COMPUTER SCIENCE MAJOR

Suny New Paltz College

New Paltz, NY

- *Technical Skills Acquired:* Development of Java, C++, and assembly language programs , and proficiency in various CAD programs.

MECHANICAL ENGINEERING

SUNY Maritime College

Bronx, NY

- Studied various aspects of mechanical engineering before transferring to SUNY New Paltz.

ENGINEERING TRANSFER DEGREE

SUNY Dutchess Community College

Poughkeepsie, NY

HIGHSCHOOL DIPLOMA

Franklin Delanor Roosevelt High School

Staatsburg, NY

SKILLS

Leadership, Teamwork, CAD Design, 3D Printing, Prosthetic Construction, Electronics Assembly, Maintenance, Order Fulfillment, Project Management, Problem Solving, Technical Writing, Software Development, Robotics, Quality Assurance, Creative Thinking.

ADDITIONAL INFORMATION

VOLUNTEER WORK

- Assistant Scoutmaster, Boy Scout Troop 80 (September 2020 – January 2022)
- Junior Assistant Scoutmaster, Boy Scout Troop 80 (January 2020 – September 2020)
- Senior Patrol Leader, Boy Scout Troop 80 (January 2019 – January 2020)

AWARDS

- Eagle Scout Rank, Boy Scout Troop 80 (March 5, 2020)
- National Youth Leadership Training Graduate
- Order of the Arrow BSA High Honor Society, Brotherhood rank

TRAINING

- BSA National Youth Leadership Training (August 2017)

LANGUAGES

English (*Native*), German (*Novice*).

REFERENCES

Easton LaChappelle, CEO/ Founder at Unlimited Tomorrow, Inc. (easton.lac@gmail.com).