

# LOGAN COOPER

*Computer Science and Digital Design*

## PROFESSIONAL SUMMARY

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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

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PRA 2 Aug 2023 - Present  
*New York State Parks and Recreation* *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 May 2022 - Jan 2023  
*Unlimited Tomorrow* *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 Dec 2020 - Jan 2022  
*The Home Depot* *Poughkeepsie, New York, US*

- I 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

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COMPUTER SCIENCE MAJOR *New Paltz, NY*  
*Suny New Paltz College*

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

MECHANICAL ENGINEERING *Bronx, NY*  
*SUNY Maritime College*

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

ENGINEERING TRANSFER DEGREE *Poughkeepsie, NY*  
*SUNY Dutchess Community College*

## SKILLS

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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

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### 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

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

## REFERENCES

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