

# Hunter Cato

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## Skills

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**Programming** C/C++, Python, Arduino, LaTeX  
**Technologies** AutoCAD, OpenCV, VPython

## Extracurricular

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### Computer Science Sub-team Lead

Corvallis, Oregon

OREGON STATE UNIVERSITY ROBOTICS CLUB UNDERWATER ROV TEAM

Sep. 2019 - Present

- Designed algorithm to achieve 360 degree movement from a vectored thrust system.
- Responsible for creating design documents, identifying critical paths, and assigning tasks to team members.
- Attend weekly meetings to report progress, review designs, and discuss resource management.

### Club Officer/Pilot

Albany, Oregon

LINN-BENTON COMMUNITY COLLEGE UNDERWATER ROV TEAM

Sep. 2018 - Jun. 2019

- Worked with a multidisciplinary team of students to build a submersible remotely operated vehicle for use in research and competition.
- Designed and implemented computer vision application to autonomously find and measure cracks in a dam and to survey benthic wildlife.
- Designed a 3D-printed cannon retrieval system and thruster shrouds.
- Ranked 18th at the 2019 MATE International ROV Competition organized by Marine Advanced Technology Education.
- Received the Talent Grant from LBCC to work on the team.

## Work History

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### Assistant Software Developer

Albany, Oregon

LINN-BENTON COMMUNITY COLLEGE LIBRARY

Sep. 2017 - May. 2018

- Designed and implemented software to migrate faculty webpage data from XML documents to a SubjectsPlus database.
- Compiled the FAQ for openoregon.org.

### Fulfillment Center Associate

Corvallis, Oregon

KMART

Aug. 2014 - Mar. 2019

- Processed and shipped as many as 500 online shopping orders per day.
- Supervised teams of up to 10 associates to facilitate order fulfillment.
- Provided customer service and performed additional retail duties as needed.

## Education

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### Oregon State University

Corvallis, Oregon

B.S. IN COMPUTER SCIENCE

Expected Graduation June 2021

- Applied Option: Robot Intelligence

## Volunteering

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### Volunteer

Corvallis, Oregon

CHINTIMINI WILDLIFE CENTER

Aug. 2014 - Dec. 2014

- Prepared food for rehabilitating wildlife based on diets created by staff veterinarian.
- Assisted veterinarians performing medical procedures on the resident wildlife.
- Transported animals to and from the wildlife center.