JORDAN HASKEL

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in www.linkedin.com/in/jordhask   ○ github.com/robo-jordo   ⚭ https://robo-jordo.github.io/portfolio

EDUCATION

M.S in Robotics
Northwestern University
📅 September 2018 – December 2019

Bsc(Eng) Mechatronics
University of Cape Town
📅 January 2014 – December 2017

Graduated with honours in distinction

WORK EXPERIENCE

Content Creator/Software Developer
Explore
📅 April 2018 – September 2018   📍 Cape Town, South Africa

- Creating content to teach Java and Machine learning.
- Developing a web app to automate the handling of text documents.

Consultant
GoNow electric bicycles
📅 November 2016 – January 2017   📍 Cape Town, South Africa

- Creating an automated bicycle renting kiosk.
- Fixing controller issues with bicycles.

Vacation course trainee
Cape Peninsula University of Technology.
📅 December 2014   📍 Cape Town, South Africa

- Learning skills including: welding, pneumatics, CNC machining, Laser cutting, Fitting and turning.

PROJECTS

Machine learning to develop a quadrupedal gait
Northwestern University
📅 January 2019 – March 2019

This project involved simulating evolutionary algorithms in Gazebo with the use of ROS to evolve a gait for a quadrupedal robot.

Cost effective, tele-operated search and rescue robot
University of Cape Town
📅 June 2017 – December 2017

This project involved the designing, building, and testing of a wheeled robot that allowed for automatic climbing of objects.

More information about these and other projects can be found on my portfolio: https://robo-jordo.github.io/portfolio

REFERENCES

Please do not hesitate to ask for professional and academic references.

ACHIEVEMENTS

Mechatronics Honours Graduate with distinction
From the University of Cape Town

University of Cape Town Dean's List
2014, 2015, 2016

Member of Golden Key Honor Society
Since 2014

South African champion gold medallist
Under 23 K3 canoeing

STRENGTHS

Electronics
Embedded Systems | Micro controllers | Analog design | Digital design

Software
Linux | Git | ROS | OpenCV | Machine learning from scratch | Machine learning with scikit-learn & keras

Mechanical
Laser-cutting | 3d printing | Mechanical design

CAD
Solidworks | OnShape | Logisim | Altium | Eagle

LANGUAGES

Python ●●●●●

Java ●●●●●

Assembly ●●●●○

ROS ●●●●○

C ●●●●○

C++ ●●●○○

HTML & CSS ●●●●○