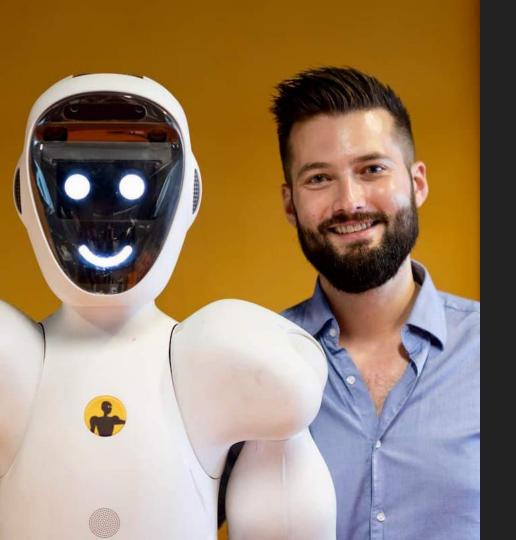


Nicholas Nadeau, Ph.D., P.Eng.



Nicholas Nadeau









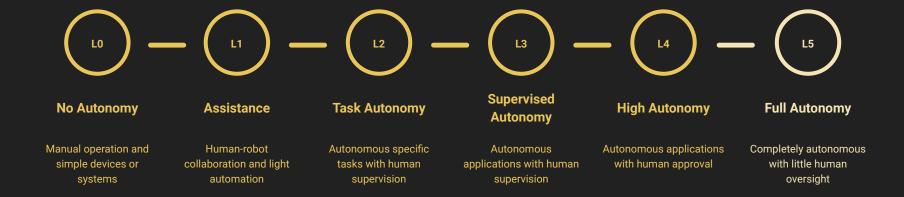


techstars_

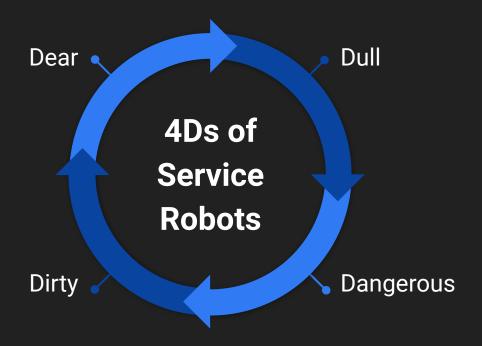














Dull

Tasks that are repetitive and tedious





Dangerous

Tasks with health and safety concerns





Dirty

Tasks that have an icky of filth factor





Dear

Tasks that have strict quality requirements or cost savings





Declining and Aging Population

Fewer people able to work and more people needing support

Job Market Fluctuations

Labour market tightening and labour shortages since the onset of the pandemic

Human **Environments**

Most jobs are in unstructured environments

A growing worker shortage gap will require new technology

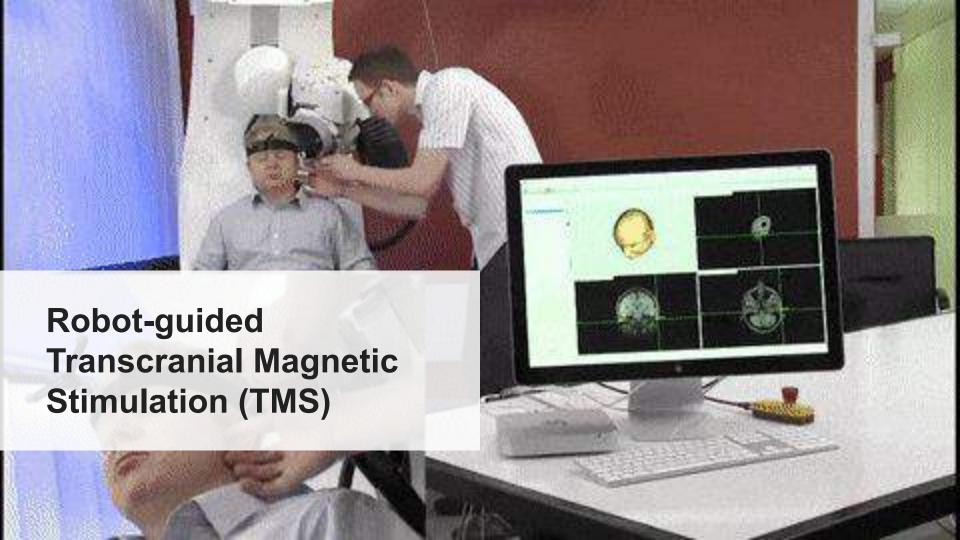


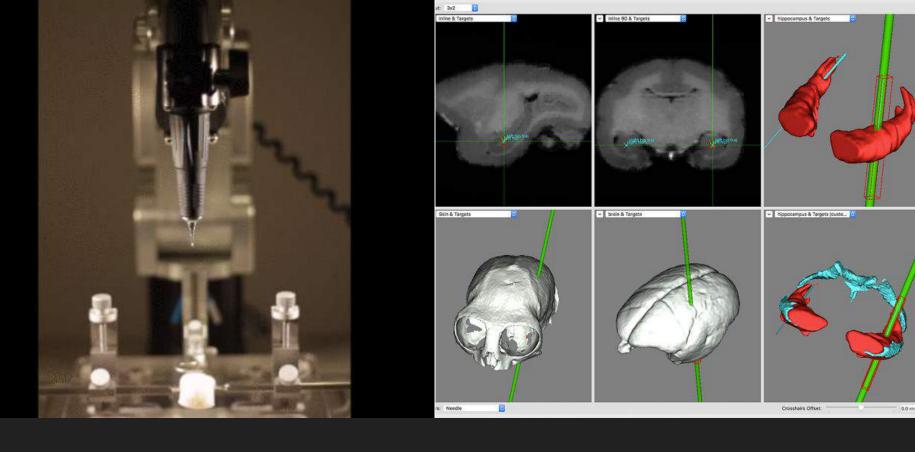


Image-guided Neuronavigation









Veterinary Microsurgery





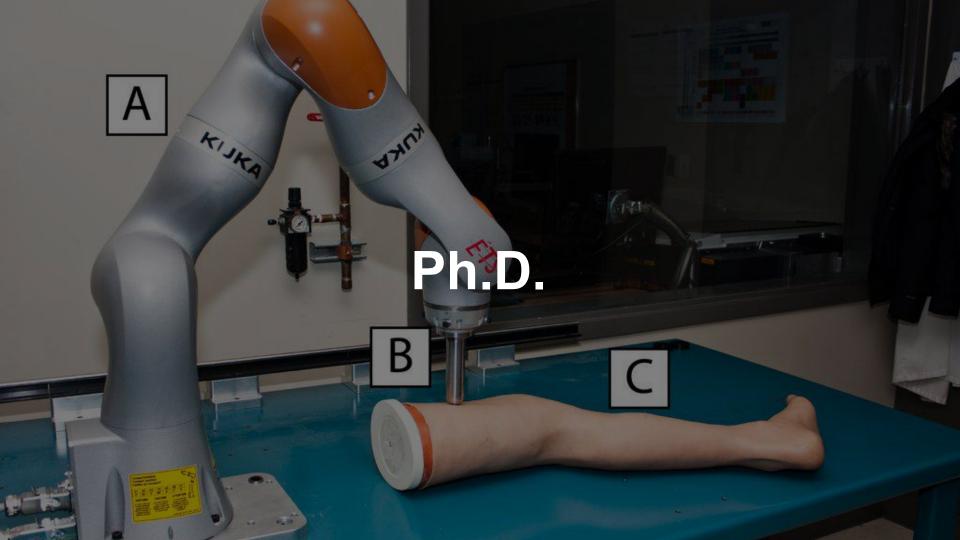
High-performance Parts

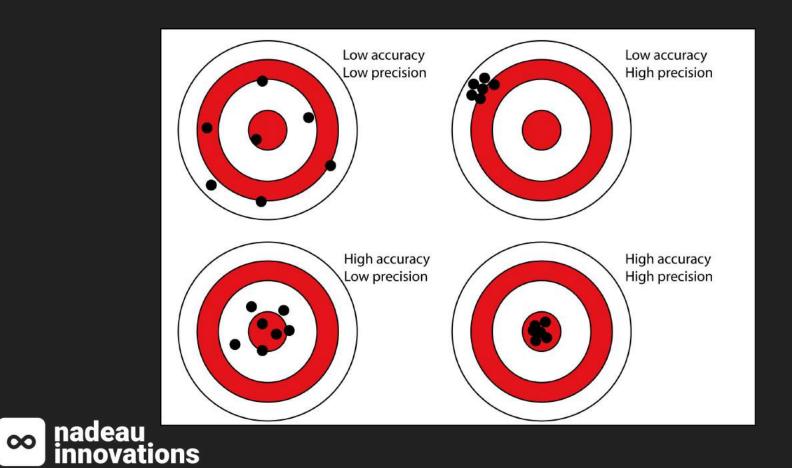
Closed-loop Mechanical Properties

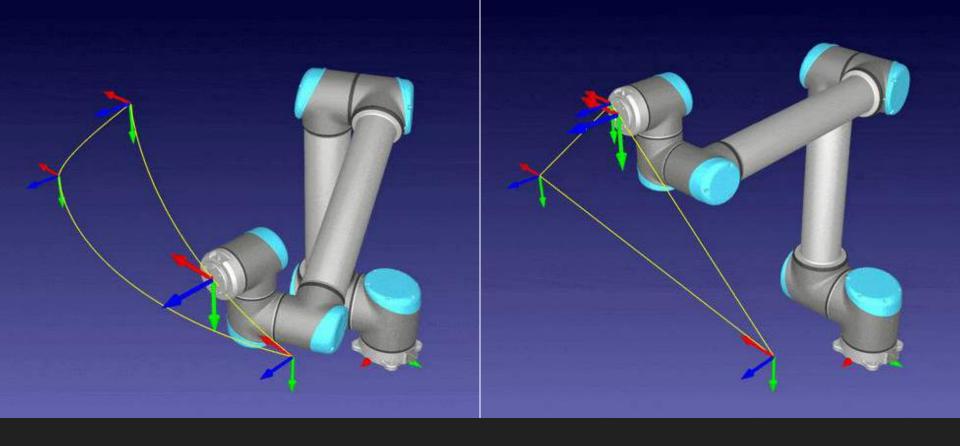














Compliance and Impedance Control

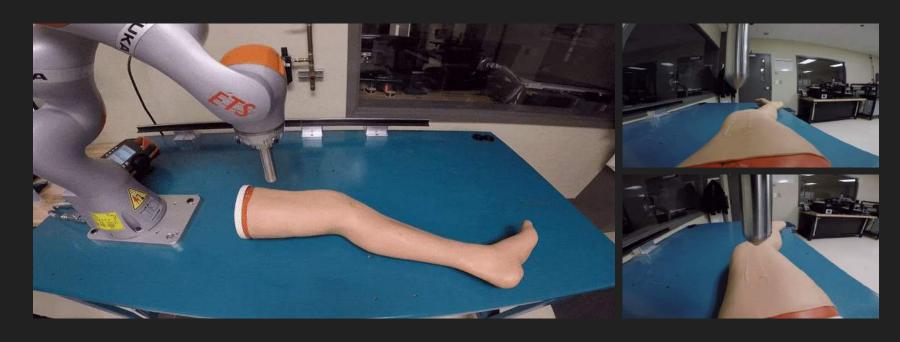




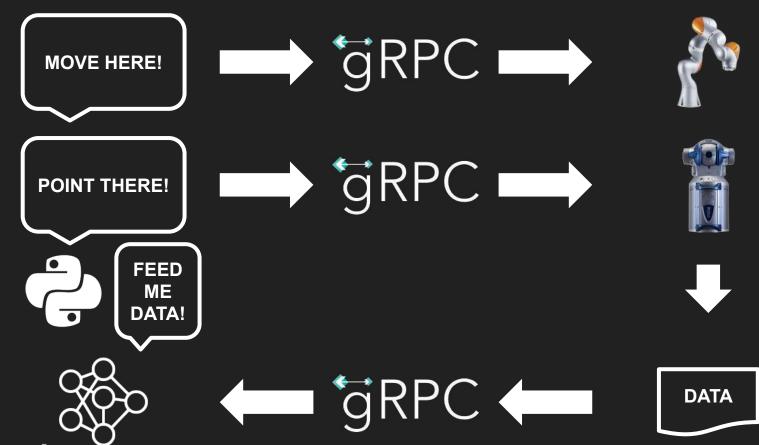
Autonomous Robot Calibration



Evolutionary Motion Control Optimization







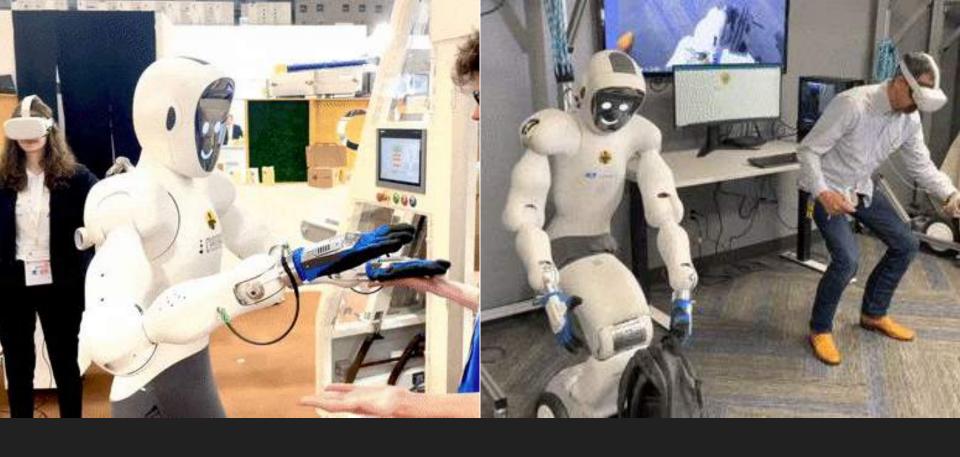








Autonomous Navigation and Interaction

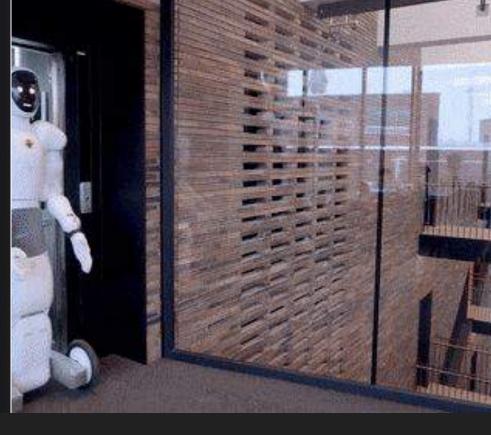


VR/AR Teleoperation

Retail







Security Guarding

Industry 4.0







ANA Avatar XPRIZE

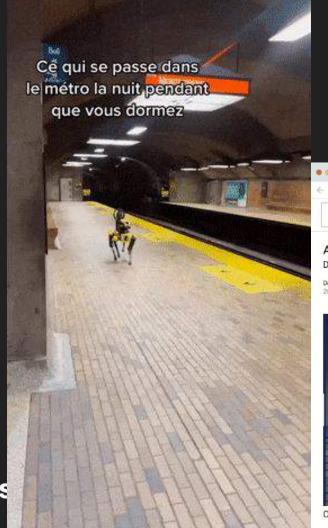


Jasper (YPC Technologies)





Osedea









Action 4/31 - 39630 ③ Datapoint 2 out of 12

 Date
 Time
 Description
 Source

 2022-08-24
 2:27:20 a.m.
 Pan of 32*, Tilt of 26*
 spot-cam-pt





Control

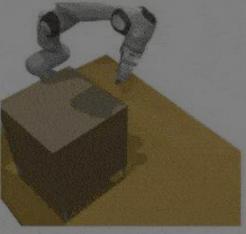
"Graffiti" an

"Graffiti - 0.9 Reported by: Syst

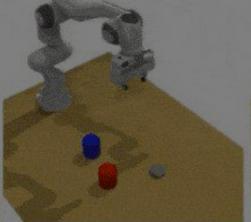
"Graffiti" an

"Graffiti - 0.9 Reported by: Syst



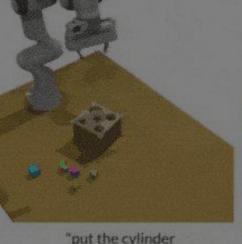


"open the middle drawer"



What's next? sorter







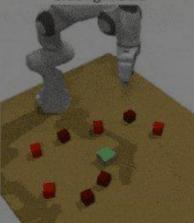
"screw in the blue light bulb"



"take the steak off the grill"

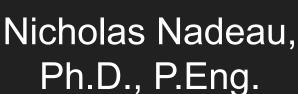


"put the mustard in the cupboard"



"stack 2 maroon blocks"







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