

Curriculum Vitea

PERSONAL INFORMATION

Name: - Kavinda Pradeep Herath Herath Mudiyanseleage
Address: - Via Giorgio Stephenson 02, Milano, 20157.
E-mail: - kavinda.pradeep@gmail.com
Telephone: - 3801796993
Date of Birth: - 29/06/1996
LinkedIn: - Kavinda-Herath



DESCRIPTION

- A passionate mechanical engineer who is constantly looking for the next challenge.
- Excellent performer under pressure, a quick learner and able to deliver at time due to the gained professional experience.
- Skilled in team working and communicating and extremely adaptable to the environment due to the experience gained by several exchange programs.
- Excellent problem solving and analytical skills developed through various academic projects and professional experience.

PROFESSIONAL EXPERIENCE

June 2022 – Present

Assistant Mechanical Designer

Ekleo S.r.l, Bussero, Italy

Role:-

- Designing components for the packaging machines.
- Programming PLCs and HMI for the packing machines.
- Testing the manufactured packing machines.
- Developing software solutions to assist PLC/PC communication.

January 2022 - June 2022

Engineering Intern

Ekleo S.r.l, Bussero, Italy

Role:-

- Developing palletizing algorithm for homogenous boxes.
- Calculating the optimum pallet layout design.
- Assisting to draw the electrical diagrams of packing machines.

Dichiarazione sostitutiva di certificazione e dichiarazione sostitutiva dell'atto di notorietà ai sensi degli art. 46 e 47 del DPR 445/2000 Il/La sottoscritto/a Kavinda Pradeep Herath Herath Mudiyanseleage consapevole delle responsabilità penali in caso di dichiarazioni mendaci, ai sensi dell'art. 76 del D.P.R.445/2000, dichiara:

ACADEMIC EXPERIENCE

September 2019 - April 2022

Master's in Mechanical Engineering

Politecnico di Milano, Milan, Italy

Final Grade: **103/110**

Thesis: - Design, Realization and Control of an aquatic snake robot.

Specialization: - Robotics and Mechatronics

August 2020 - January 2021

ERASMUS Program

Brno University of Technology, Brno, Czech Republic

September 2016 - July 2019

Bachelor's in Mechanical Engineering

Politecnico di Milano, Turin, Italy

Final Grade :- **102/110**

Thesis: - Mechanical properties of natural fibers and a case study of coconut fibers.

Membership: - R.G. Polito Glide Student Team

August 2018 - December 2018

SEC-U Exchange program

University of Arkansas, Fayetteville, Arkansas, USA

GPA: - **4.0/4.0**

COMPUTER SKILLS

Software's: -

Solidworks, Hyperworks, Abaqus, Fluidsim, QForm, Arduino

Programming Languages: -

C, Python 3, Matlab, Ladder Logic, G code

PLC software's: -

Omron Sysmac, ASEM QStudio

LANGUAGES

- English (IELTS 7.0)
- Italian (CPIA B1)
- Sinhala (Mother Tongue)

CERTIFICATES AND PUBLICATIONS

Open badge holder of **Startup 101 – From Design to Action**

Open badge holder of **Bioinspired Robotics**

Conference Paper: - **Design of a swimming snake robot**

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