



# SARISA LEELAYOUTHYTIN

Bachelor of Engineering in Product Design Engineering Graduate

I am a combination of engineering and creative minds. My goal is to become a design engineer, who creates functional and aesthetically pleasing innovations that meet the client needs.

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🌐 <https://allpearshapes.wixsite.com/allpearshapes>

## EDUCATION

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- 2016-2020 Bachelor of Engineering in Product Design Engineering**  
At the University of Glasgow and the Glasgow School of Art, UK  
*It is an interdisciplinary degree, focusing on creating fully-functioning new products which are visibly appealing and efficiently manufactured.*
- 2015-2016 1st Year, BA Design (Product and Interior Design)**  
At Nuova Accademia di Belle Arti Milano (NABA), Italy
- 2010-2014 International Baccalaureate (IB) Diploma**  
At Geelong Grammar School, Australia

## EXPERIENCE

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- 2019 Design Engineering Summer Internship at Small Robot Company, UK**
- Worked alongside engineers from various disciplines on 2 robotics in farming projects from concepts to finished product that fulfilled the brief.
  - Successfully applied mechanical structural design and engineering CAD skills to the projects
  - Gained great understanding of design for manufacture, especially in metal working and 3D printing.
  - Developed coding skills in C language on Arduino IDE to control various components, such as actuators, motors, sensors etc.
  - Created shell design that promotes Human/Robot Interaction
- 2019 Myoelectric Prosthesis Project at the University of Glasgow**
- Further exercise my CAD and 3D printing skills, and applying them to the student-driven research project
  - Deeper understanding of coding in C and application in small electronic products and circuit works
- 2018-2019 User Experience & Human Factors Team Member at Glasgow Hyperloop**
- We were one of the 52 teams selected to participate in the SpaceX Hyperloop Pod Competition 2019 from a world-wide pool of applicants.
  - Research on ergonomics and human needs on a public transport
  - Generate ideas for vehicle interior to provide safety, comfort, and great experience to hyperloop users. E.g. Seat design to reduce motion sickness
- 2016 Interior Design Internship at Design + Develop Co., Ltd.**
- Worked with clients, interior designers, architects and material supplier
  - Data collection and analysis to aid the completion of initial material selection and floor-plan on AutoCAD, based on client's requirements.
  - Translated complex 2D drawings into 3D study models to help architects and client communicate and understand the concept successfully.

# Resume - continue

## SKILLS

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SolidWorks:	●●●●●	MATLAB:	●●●○○
Fusion 360:	●●●●○	CES:	●●●○○
AutoCAD:	●●●○○	Photoshop:	●●●●○
Arduino IDE:	●●●○○	Illustrator:	●●●●○
Abaqus:	●●●○○	InDesign:	●●●●○

## LANGUAGES

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English: ●●●●● Chinese: ●●○○○ Thai: ●●●●●

## OTHER EXPERIENCES

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- 2019 NCR Design Competition, "The Connected World of 2025" at V&A Dundee**
  - I was one of the selected students to represent Glasgow School of Art at the NCR Design Competition back in January 2019.
  - Design concept: AR glasses that automatically convert and translate foreign currencies and languages into user's preferred settings.
- 2019 Vice President of Kween Dance Crew**
  - Organise dance team to enter competition and perform at various events
  - Managed to increase team's social media presence across Instagram, YouTube and Facebook.
- 2018 Spring Telephone Campaign at the University of Glasgow**
  - Developed great communication, negotiation, project presentation and interpersonal skills, which could be applied to any business settings.
  - Raised £21,955 for various University projects, especially for the scholarship funds
- 2016-2017 Class Representative at Glasgow International College**
  - Discussed and raised issues, regarding academic curriculum with the course director
- 2014 Upcycling Workshop at TCDC (Thailand Creative Design Center)**
  - Initiated the concept of turning tea leaves waste into 100% recyclable "smart-board" for a tea beverage company, Ichitan Group PCL.
- 2014 House Music Captain at Geelong Grammar School, Australia**
  - Organised and led House Choir and House Ensemble
  - Received 2nd place at House Music Competition

## REFERENCES

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**Emma Young - Project Administrator at Small Robot Company, UK**  
emma.e.young@hotmail.com

**Jon Barnes - 4th Year BEng Product Design Engineering Tutor**  
iamjonnybarnes@googlemail.com