

Ethical Fashion *Brazil*

Curriculum vitae

Name	Luciana dos Santos Duarte
Birth	26/11/1986
Nationality	Brazilian
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Tertiary Education

- 2017** PhD researcher in Production Engineering (Federal University of Minas Gerais). Thesis in development about Sustainable Development and Governance in Amazon: **The fabrications of the textile from Amazon rainforest in the global production network**
- 2013** Master in Production Engineering (Federal University of Minas Gerais). Dissertation about Textile Engineering and Reverse Logistics: **Comparative study of environmental impact of CO/PET conventional jeans and recycled jeans**
- 2010** Bachelor in Product Design (University of the State of Minas Gerais). Monograph about Fashion Design: **Development of ethical fashion products: an analysis of the guidelines of sustainability applied in fashion industry in Brazil**
- 2008** Scientific research initiation in Chemistry (Federal University of Minas Gerais) and Jewelry Design (University of the State of Minas Gerais). Project about Materials Engineering: **Development of bovine bone composite material as sustainable alternative applied to jewelry design**

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Extra courses

2017

- Discourse Analysis and the Environment Summer School (Federal University of Minas Gerais)

2016

- Large-scale production in multi-diversified agroforestry systems (Federal University of Goiás)
- Latin America Peace Summit 2016 (Mexico, World Peace Initiative)

2014

- Workshop The Carbon Credit Market (Inhotim)
- Workshop CANVAS: Strategic Business Management (Inhotim)
- The UNESCO Convention Today (Pontifical Catholic University of Minas Gerais)

2013

- Maurice Pialat: a Filmmaker in Countercurrent (Palace of Arts)

2012

- Health and Work (Federal University of Minas Gerais)
- Smart Materials and Structures in Engineering (Federal University of Maranhão)
- Fire and Biodiversity of the Rola Moça Park (Federal University of Minas Gerais)

2011

- Quantum for Beginners: Investigations and Projects (Federal University of Minas Gerais)

2010

- Style, Fashion and Image Consulting (Federal University of Minas Gerais)

2009

- Drawing and Fashion Illustration (Federal University of Minas Gerais)
- Planning and Development Collection (Senai)
- Workshop Pigments (Mineralogical Museum Djalma Guimarães)

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2008

- Anthropology of Art: The same object and different views (University of the State of Minas Gerais)
- Introduction to Mineralogy (Mineralogical Museum Djalma Guimarães)
- Update and Training on Gemology (Mineralogical Museum Djalma Guimarães)
- Possibilities of Contemporary Stoning (Mineralogical Museum Djalma Guimarães)

2007

- Graphic Expression (University of the State of Minas Gerais)
- Ethics and Philosophy of Law (Catholic College of Pouso Alegre)
- Policy Formation (Catholic College of Pouso Alegre)

Employment Experience

Since 2013 Professor at undergraduate course in Production Engineering at

Kennedy College:

- Planning and Design Product
- Product Development Process
- Ergonomics
- Factory Project and Industrial Installations
- 3D Modeling
- Sustainability Management in Production Engineering

Since 2007 Entrepreneurial of Ethical Fashion Brazil website, in which I:

- share knowledge about how fashion system can be better (equitable, fair trade, ecological materials, timeless clothes, etc.);
- do ads for ethical companies;
- promote new fashion designers;
- promote my work (consultancy and projects);
- communicate main fashion events;
- discuss about controversial materials, technology and production;
- support causes of WWF, Greenpeace, PETA and Peace Revolution NGOs.

Since 2013 Consultancy for fashion companies. Most relevant: new layout project and industrial installations for Balaia (shoes and bags company)

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2014 Professor at technical course in Computer Science at Pitágoras College:

- Illustration and Graphic Prints
- Mock-up Techniques

Professor at extension course at Design School (University of the State of Minas Gerais):

- Fashion Design for Sustainability

2013 Design Coordinator of jewelry design at Marré Infinito company

- Coordinator of hundreds of semi jewels development
- Coordinator of a corporative fashion magazine

2011 – 2012 As a counterpart of my scholarship to study master in Production Engineering, I worked as a professor in undergraduate course in Fashion Design (Federal University of Minas Gerais), where I created the elective discipline:

- Fashion and Sustainability

In addition, I taught mandatory discipline:

- Basic Drawing for Clothing

2010 – 2011 Industrial designer of stainless steel products (i.e. many trophies for Brazilian Football Championships) at Inox Line company

2010 Fellow in extension projects about the interface of design / handcraft at Design School (University of the State of Minas Gerais)

- Creative Communities
- Minas Roots: Crafts, Culture and Social Design

2009 Fashion designer at Green Co. company

- Development of sustainable clothing
- Development of sustainable shoes

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Arts Experience

- 2014** I won a scholarship of the NGO Peace Revolution to meditate and create artworks. I painted three oil on canvas and they were exhibited at the River City Hall (Bangkok, Thailand)
- 2012** I was invited by the Government of the State of Minas Gerais to create a chair with recycled materials (jeans, wood and latex) for the IV Brazilian Biennial of Design. It was not a chair to sit down, but to think about its conception
- 2006** Contemporary Art Exhibition in the Artigas Gallery (Pouso Alegre / MG)
- 2005** Individual Art Exhibition, Academic paintings oil on canvas in the Artigas Gallery (Pouso Alegre / MG)
- 2000** Contemporary Art Exhibition at United Nations Shopping (São Paulo / SP). I was eleven years old and had awarded a national prize of DirecTV (Brazilian Television Company)

Voluntary

- Since 2015** Director of The Street Store Belo Horizonte (a charity store for hundreds of homeless people; coordination of hundreds of volunteers and donators)
- Since 2014** Peace Coach at the Thai NGO Peace Revolution website, in which I teach people from all over the world to meditate and to have good habits
- 2006** Development of Pimp My Carroça – Pimpex BH project (graffiti and reformation of waste carts for canners)
- 2010** Volunteer at Forensic Institute (Instituto Médico Legal), where I drew faces of disappeared people to help Policy and Society to find them
- 2003** Teenager volunteer at NGO Interact of Lions Clubs International, where I played with underprivileged children at “favelas”

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Publications / Reports / Conference / Seminar Papers

2016 DUARTE, L. S.; XAVIER, S. ; MATSSUNAKA, M. Y. ; ACKEL, T. T. L. **Project Pimpex BH - Pimp My Wagon: ergonomics, research and development of recyclable waste carts.** 12th Brazilian Congress on Research and Development in Design, v. 2, p. 3308-3318

DUARTE, L. S.; PRADO, P. **The development of the first edition of The Street Store Belo Horizonte: a charity clothing store project for the street population.** 18th Brazilian Congress of Ergonomics

DUARTE, L. S.; ALMEIDA, J. F. F. **Strategies of competitiveness with an emphasis on fast fashion for clothing and retail small companies of the fashion pole of Belo Horizonte.** 18th Brazilian Congress of Ergonomics

DUARTE, L. S.; LIMA, A.; OLIVEIRA, L. **Comparative and cognitive study of materials made from the social technology of Amazonian encauchados.** 18th Brazilian Congress of Ergonomics

DUARTE, L. S. **Analysis of the B1 uniform of the Military Police of Minas Gerais: from the product design and its aesthetic configuration to the work ethic of the military policeman.** 18th Brazilian Congress of Ergonomics

DUARTE, L. S. **Methodology for the study of the insertion of the Amazon encauchados in the global value chain.** IV Meeting of the Brazilian Center-West of Production Engineering

DUARTE, L. S.; GALVAO, C. **The role of the designer in the strategic management of the project in jewelry companies of Minas Gerais.** IV Meeting of the Brazilian Center-West of Production Engineering

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DUARTE, L. S.; XAVIER, S. ; BEATRIZ, G. H. S. ; MATSSUNAKA, M. Y. ; ACKEL, T. T. L. **Pimp My Carroça Project - Pimpex BH: research and development of recyclable waste carts.** IV Meeting of the Brazilian Center-West of Production Engineering

XAVIER, S. ; DUARTE, L. S. ; BEATRIZ, G. H. S. ; MATSSUNAKA, M. Y. ; ACKEL, T. T. L. **Visibility and social integration of collectors of recyclable materials - results of the Pimp My Carroça project.** 7th Brazilian Luso Congress for Urban, Integrated and Sustainable Planning.

DUARTE, L. S. **Hybrid perspectives between anthropology and systems design for textile from Amazonian rainforest.** Workshop Challenges of the implementation of climate policies in Brazil: in search of a transdisciplinary vision

2015 DUARTE, L. S.; PRADO, P. **The Street Store Belo Horizonte: street shop charity project for the street population.** 1st International Design Colloquium

DUARTE, L. S.; CAMARA, T. **Reverse logistics and competitiveness for the textile waste of the fashionable pole of Belo Horizonte.** 1st International Design Colloquium

2014 COELHO, M. G., SILVA, L. O. , AUGUSTI, R., DE LIMA, G. M., ARDISSON, J. D. , DE ANDRADE, F. V., DUARTE, L. S. **Study of the catalytic activity of the bovine bone powder impregnated with Fe (III), new material to photodegradation of the indigo carmine dye.** XX Brazilian Congress of Chemical Engineering

DUARTE, L. S., RAJÃO, R., FARIA, P. E. **Comparative study of the environmental impact of textile production of CO/PET conventional jeans and CO/PET recycled jeans.** VIII National Congress of Mechanical Engineering

DUARTE, L. S., ALMEIDA, J. F. **Strategic design, production and sustainability in fast fashion: a study on small business and retail**

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garment factories in Belo Horizonte. XI Brazilian Congress of Research and Development in Design

DUARTE, L. S. **Comfort and durability of prototypes of pants made of CO/PET conventional jeans and CO/PET recycled jeans.** XI Brazilian Congress of Research and Development in Design

DUARTE, L. S., GUIMARÃES, F., BARBOSA, J. **Creation of children's clothing with zero waste modeling.** XI Brazilian Congress of Research and Development in Design

DUARTE, L. S. **Design of jeans for sustainability: application of environmental impact reduction tools for analysis of CO/PET recycled jeans.** IARA Magazine of Fashion, Culture and Art

2013 Paper presentation: MIRANDA, T. M.; DUARTE, L. S. **Sustainable fashion consumption: The relation of the aesthetics of Amazon Guardians collection of Osklen with the paradigm of consumption of fashion objects and codes.** Seminar Image Design: the Dialectics of Design and its Interfaces. Design School (University of the State of Minas Gerais, Brazil)

2012 Paper and Paper presentation: DUARTE, L. S. ; MOREIRA, C. A. ; PINTO, P. C. C. ; LIMA, G. M. **Development of sustainable composites based in textile waste.** VII National Congress of Mechanical Engineering (Federal University of Maranhão, Brazil). ISSN/ISBN: **2178180**

Paper presentation: DUARTE, L. S. **Ethics and aesthetics of uniforms and work of the Military Police of Minas Gerais.** I International Symposium of Psychosociology of Labour. Philosophy and Humanities College (Federal University of Minas Gerais, Brazil)

2011 Paper and paper presentation: DUARTE, L. S. **The right to civil disobedience in John Rawls.** II Meeting of the Study Group on History and Work in History and Language. Philosophy and Humanities College

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(Federal University of Minas Gerais, Brazil). ISSN/ISBN:
9788562707322

Paper presentation: ALVES, L. L. ; BARROS, A. C. ; DUARTE, L. S. ; NIGRI, E. M. ; ROMEIRO FILHO, E. **Plastic bags, ecobags and furoshikis: a discussion on sustainability of products and technologies.** VII SAEPRO Academic Symposium on Production Engineering (Federal University of Viçosa, Brazil)

Paper presentation: DUARTE, L. S. ; ROMEIRO FILHO, E. ; FARIA, P. E. **Ethical fashion historical context and the ethics of sustainability strategies for the development of fashion products.** I SIMPEX Symposium Research and Extension Design (Federal University of Espírito Santo, Brazil)

Paper presentation: DUARTE, L. S. ; CAMPOS RUBIO, J. C. **Models produced by injection and the precision in the production of jewelry.** XV Machining Colloquium (Federal Institute of Education, Science and Technology Southeast of Minas Gerais, Brazil)

2010

Paper: DUARTE, L. S. ; PASCO, M. R. ; PEREIRA, M. **The limitations of the formwork in high heels and the use of orthoses: An approach to Ergonomics.** Actas de Diseño (Palermo University, Argentina). ISSN/ISBN: **18502032**

Paper presentation: DUARTE, L. S. ; FREITAS, A L. C. **Minas Roots: crafts, culture and social design – The identity of Lagoa Santa / MG.** I National Congress of Handcraft Network ITCP's (Federal University of São João Del-Rei, Brazil)

Paper presentation: DUARTE, L. S. ; PASCO, M. R. ; CAMPOS RUBIO, J. C. ; FARIA, P. E. ; LEITE, W. O. ; OLIVEIRA, E. M. **The machining and manufacturing technology applied to the development of jewelry and decorative objects.** XIV Machining Colloquium (Federal University of Uberlândia, Brazil)

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- 2009** Paper presentation: DUARTE, L. S. ; LIMA, G. M. ; TEIXEIRA, M. B. S. **The development of composite with bovine bone powder as gem material simulator to coral applied to jewelry design.** I Seminar on Design and Gemology Stones, Gems and Jewels of Rio Grande do Sul (Federal University of Rio Grande do Sul, Brazil)
- 2008** Paper presentation: DUARTE, L. S. ; MIRANDA, C. A. S. **The hearing protector's design: the relation between hearing pathologies and ears' identification.** II International Professional and Scientific Conference Occupational Safety and Health (Polytechnic of Karlovac, Croatia)

Lectures

2014 – 2016 Lectured **Strategies of Sustainability for Fashion Design** at:

- Design School (University of the Estate of Minas Gerais)
- Fashion Museum (Belo Horizonte)
- Kennedy College (Belo Horizonte)
- Fashion Revolution (Belo Horizonte)

2011 – 2013 Lectured **Design, Strategy and Sustainability** at:

- Junior Enterprise World Conference (largest event of junior companies in the world)
- School of Architecture (Federal University of Minas Gerais)
- Engineering School (Federal University of Minas Gerais)

Programme and Data System Experience

- SolidWorks Basic and Advanced Training 2008 (3D CAD software)
- Windows (Word, Excel, PowerPoint)

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Languages

- Portuguese (mother tongue)
- English (good/fluent), TOEFL ibt 97 (2015), TOEFL ibt 91 (2014)
- Spanish (basic)
- Italian (basic)
- French (reading)
- Mandarin (basic reading)

Programme and Data System Experience

- SolidWorks Basic and Advanced Training 2008 (3D CAD software)
- Windows (Word, Excel, PowerPoint)

Areas of Expertise for Teaching / Research

- Product Development Process
- Textile and Fashion Design
- Ethical Fashion
- Industrial Design
- Jewelry Design
- 3D Modeling
- Illustration and Sketches