

DUANNE CONTRERAS

Product Design /Industrial Design

PERSONAL INFORMATION

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ABOUT MYSELF

I am a thoughtful, resilient individual with a strong commitment to collaboration and contribution as a Chilean designer. I believe my unique perspective and skills can bring valuable insights and creativity to the company. I have a passion for lifelong learning, which is a driving factor in my desire to integrate into the work culture of my future employer, and to grow both personally and professionally.

PROFESSIONAL ACHIEVEMENTS:

- 2024: State fundraising CORFO Magallanes for the Seamless project - Duanne Contreras and Puro Viento Company. (CAD 105,240)
- 2018: Raising state funds CORFO Magallanes for cultural and educational entrepreneurship project HOOWIN (55,000 CAD), Toys and App to enhance multicultural education of native indigenous peoples of Patagonia.
- 2010: Raising the state capital (CORFO Santiago) for the social project (9.180 Cad) CICAD-Product innovation for emergency issues.

PERSONAL MILESTONES:

- 2020: UNESCO sponsorship to implement Duanne's Hoowin in Chilean schools.
- 2020: Sponsorship from CIIR, the Center for Intercultural Indigenous Studies at the Catholic University of Chile, for Duanne's Hoowin.
- 2019: Sponsorship from the Ministry of Education to disseminate and implement Hoowin in Chilean schools as part of the intercultural language program.
- 2018: CORFO scholarship recipient for Design and Innovation in Smart City technologies at the Catholic University of Chile.
- 2016: Selected for GeekCamp by the Innovation Center of the Catholic University with the G-Tracker Bike project.
- 2013: Selected for the SmartCity program at the Adolfo Ibáñez University.
- 2011: Finalist in Furniture Design at DecoParis, represented by the retail store PARIS.
- 2012: Selected for the MakerSpace program to develop an educational app for aspiring drummers.

COURSES AND STUDIES:

- 2018: Design and Innovation for Smart City technologies by FabLab Santiago and the Catholic University of Chile.
- 2013: Digital Fabrication Workshop at the University of Chile, conducted by Mexican designer Ariel Rojo and GT2P.
- 2005-2010: Industrial Designer, completed 8 semesters of study at Duoc by the Catholic University of Chile.

VOLUNTEERING:

- 2024: Art Voluntary in Pacs (Pandora arts collective)
- 2016 ONG Panal: Mentor for schoolchildren in Panal project, project-based education

Reference: [Puro Viento](#) * [Corfo Magallanes](#) * [Unesco](#) * [Universidad Diego portales](#) * [CIIR](#) * [U. Catolica](#) * [FabLab](#) * [Ministry of education](#) * [GeekCamp](#) * [Maker Space](#) * [Socialah](#)

MY HOBBIES / ART HOBBIES: <https://www.albatronorth.com/>

I enjoy drawing with ink, painting with markers, and using acrylics. I love dancing and sharing beers with friends. I also have a passion for reading about philosophy and technology, composing music, and editing photos in Photoshop. Additionally, I play guitar and drums, often getting immersed in various software and personal projects. Finally, I stay active by participating in sports.

EXPERIENCE

PERIOD 2015-2024:

2021-2024 / PURO VIENTO (Part-time): Lead Designer responsible for developing a digital production process utilizing 3D manufacturing, focused on creating a fully 3D-printed backpack. Tasks: Research, Write reports, Conceptualize, Rank, Calculate costs, CAD-CAM 3D Model, Create hand sketches, Create renderings, Prototype, Test, Manage Validation.

2015-2020/ABLE-HOOWIN:2015-2020 / ABLE-HOOWIN: Development and management of interactive toys and apps aimed at promoting the education of indigenous languages in Chilean schools and retail environments. Tasks: *People management, Team building, Cost calculation, Investment management, Development management, Developer designer, Content researcher, Conceptualization, Prototyping, Production management, Validator.*

2017-2018/EXPLORA UC-Aug-Apr.Part-Time: Designer for interactive science education for children. Responsible for the development and management of the Urban Installation Project and the Estrellitas Fair. Tasks: *Conceptualization, 3D Modeler, Prototype Maker, Manufacturing Management, Drawing Creation.*

2016-2017/BANTECHMEDICAL: Design and management of the production process for medical device housings used in ozone therapy solutions. Tasks: *Study of parts, assembly of parts, creation of study models, Creation of sketches, Conceptual 3D modeling, Creation of concepts, CAD-CAM design, Creation of plans, Cost calculation, Prototype management.*

2016/Diego Portales University Part-Time: Teaching Assistant for 1st-level Technical Drawing classes. Assisted for two semesters at the School of Design. Tasks: *Help the teacher Guide, Guide the students, Give examples of hand drawing.*

2015-2016 / FOTOMAX Full Time Project: Reverse engineering of cabins and Cabin redesign for manufacturing. Tasks: *Station Study, Classification of parts and pieces, CAD-CAM Modeling, Creation of drawings, Creation of prototypes in Cardboard, Sketches, Manufacturing Management, Cost Evaluation.*

PERIOD 2009-2014:

2014/Mundo Sistemas-Project: Redesign and management of the manufacturing process for a worker time clock. Tasks: *Station Study, Classification of parts and pieces, CAD-CAM Modeling, Creation of drawings, Creation of prototypes in Cardboard, Sketches, Manufacturing Management, Cost Evaluation.*

2013-2014/Movici-Project: Design, development, and management of the manufacturing process for a modular automatic loan station for urban deployment. Tasks: *Research of references, classification of references, evaluation, Conceptualization, Creation of digital scale prototypes, 3D modeling, CAD-CAM modeling, Creation of technical plans, Cost calculation, Management for manufacturing, Rendering.*

2012-2013 / POP Diseño:Designer and developer of commercial installations for Coper. Specialized in wooden and metal cabins. Tasks: *Conceptualization, 3D modeling, Creation of technical plans, Presentations, Rendering, Manufacturing management.*

2011-2012/Porta 4-Rodrigo Alonso: Assistant Designer and Developer of various products, including sandals, commercial cabinets, and urban metal solutions (sculptures and furniture). Tasks: *Conceptualize Sketches, 3D Creation, Rendering, Creation of Cardboard Models, Manufacturing Management.*

2010-2011/ SocialLab - SICAM Projects: Design and development of a food preservation system for use in emergency situations. Tasks: *Social immersion, Application of design thinking methodology, Problem analysis, Conceptualization, creation of study prototypes, Testing, Creation of Beta prototype, Testing, Packaging design.*

2010/GT2P: 3D Modeler Assistant. Task: *Modeling 3D, Blue Prints.*

2009/Domos Chile: 3D modeller for Geodesic structures. Task: *Modeling 3D, Blue Prints.*

SKILLS

SOFTWARE:

- Photoshop-Illustrator (Exp: 20 Years)
- AutoCad (Exp: 15 Years) -
- 3D Max (Exp: 5 Years) -
- RhinoCeros (Exp: 14 Years)
- Creo Parametric (Exp: 13 Years) -
- SolidWorks (Exp: 2 Years) -
- Grasshopper (Exp: Hobbie) -
- Keyshot (Exp: 12 Years)
- V-Ray (Exp: 4 Years)
- Alias (Exp: 1 Years-Familiar)
- Sketchups (1 Year-Familiar)
- MitJourney (1 Year)
- Vizcom: (1Year)

TECHNOLOGIES / 3D PRINT / SOFTWARE

- FFF 3D Printing (Exp: 12 Years)
- SLA 3D Printing (Exp: 5 Years)
- Laser cutter (Expe: 1 Year)
- Cura
- PrusaSlicer

OFFICE

- Excel (exp: intermedium)
- Word (exp: advance)
- Power point (exp: advance)
- Miro (advance)

METHODOLOGIES

- Design thinking
- Design for Changes (Education)

HANDS SKILLS

- Sculpture with Kley
- Freehand sketch

INDUSTRY WISHES

Domestic and commercial wooden furniture design * New product design *Aerospace design * Transport Design *Social design * Toy design * Industrial mechanical design * Home appliance design * Prototype design * Additive manufacturing* 3D printing in concrete * 3D printing in biomaterials * Design for dental area * Technical drawing * Design Assistant - Junior.

PERSONAL QUALITIES

*Patient *Persistent *quick learner *Detail-oriented *Hard-working *Adaptive *Creative *Organized.