

ELDY S. LAZARO VASQUEZ – CV

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EDUCATION

- Expected 2020 Master of Fine Arts. Biology Design & Wearable Technologies. University of California in Davis, CA.
- 2018 Master Course: FABRICADEMY. Fab Textiles, Barcelona and Textile Lab, Amsterdam.
- 2014 Licensed architect. CAP 16114. College of Architects of Peru.
- 2013 Bach. Architecture and Urbanism. San Pedro University. Chimbote, Peru.

EXPERIENCE

Researcher, Wearables Lab, UC Davis Department of Design <http://wearablestechlab.com>

September 2018 – Present

Assisting professor PhD. Katia Vega doing research in the intersection of biology design and new technologies applied in the field of wearable technologies through a sustainable practice. My research responds to the urgent need of sustainability in the design practice. I consider that materials we use in our design are a medium to communicate ideas, beliefs, and approaches. The use of non-renewable resources as a strategy of a circular economy development.

Teaching Assistant, UC Davis Department of Design <https://arts.ucdavis.edu/design>

September 2018 – Present

FQ 2018 : DES 178 - Wearable Technologies, DES111 - Coding for designers

WQ 2019 : DES 178 - Wearable Technologies, DES50 - Introduction to Three-dimensional Design

SQ 2019 : DES 191B - Interactive Objects, DES 165 - Studio Practices in Industrial Design

Evaluation: www.eldylazaro.com/TA/evaluation/

Manager Fab Lab Lima, Peru

January 2017 – December 2017

Oversee the overall operation of the Fab Lab and the development of programs for a variety of primary interest groups. Lead staff, interns, and volunteers working in the Fab Lab and manage their training on the use of the Fab Lab software, computers, and manufacturing equipment. Collaborate with the Fab Lab Executive Director to promote the lab in the community. Schedule and provide supervision of the lab and its staff and volunteers. Operate the Fab Lab on a day-to-day basis and mentor community members by assisting them with their projects and ideas. Organize and coordinate the Summer Volunteers Program 2017.

FabKids Tutor, Fab Lab Lima, Peru

January 2016 – December 2017

Fab Lat Kids is a program of the FabLab network focused on educational activities for kids from Latam to the world!. This program performs various workshops of short duration, where children learn about digital fabrication and electronics, while they develop different soft skills. Lead Fab Kids sessions or workshops.

Freelancer, Lima, Peru

January 2016 – December 2016

Design (interior and architectural) beach houses and/or apartments. Product design developer using digital fabrication techniques. Minimum viable product (MVP) developer (BraceShock, TumiLamp, Light & Culture Lamp).

Construction Supervisor, L&S Contratistas Generales S.R.Ltda., Lima, Peru

January 2015 – December 2015

Supervisor and resident architect of Telefonica of Peru company located in Lima. Remodel, design and implement new offices in the company's buildings located in Surquillo, Miraflores, San Isidro and Center of Lima districts.

Junior Architect, ZAHE Projects Firm, Lima, Peru

January 2014 – December 2014

Collaborate on Design Projects. Plan and design buildings along with a team of Architects, complete design drawings in AutoCAD and assist in reviewing project proposals, remaining a part of the process from conception through development. Complete and file much of the paperwork that is involved in the design process. Create proposals and complete construction paperwork for buildings in order to ensure that projects follow legal specifications and company procedures. Communicate with contractors to monitor the progress of a project. Communicate with clients as well, noting their requests, answering their questions and sending them project updates. Coordinates project details of an architectural project. This includes building specifications, dimensions, assisting with initial project research and outlining project schedules and tasks.

PUBLICATIONS (peer reviewed papers, articles and reports)

2018 Auto-adjustable Bra for Women with a Pronounced Alteration in Breast Volume. In Proceedings of the Thirteenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '19). ACM, New York, NY, USA, 429-435. DOI: <https://doi.org/10.1145/3294109.3300982>

AWARDS

2019 Nominated: Outstanding Graduate Student Teaching Award, UC Davis.
2019 GSA Spring Travel Award for publishing a paper in TEI 2019 conference. Tempe, Arizona. \$500.
2018 Honored Award: Interactive garment selected for the 5TH DIGITAL FASHION & WEARABLES EXHIBITION curated & produced by Fabtextiles & TextileLab Amsterdam. Paris, France during FAB14.
2017 "Projects under development and/or incubation, Potential with the strategic axes of FAB13 and scalable prospective characteristics" Award to BraceShock project.
2017 First Prize Trotec Latin American Competition. Category: Jewelry design using digital fabrication. Lima, Peru. \$500.

LECTURES, TALKS AND PRESENTATIONS

2018 Lecture: "New advances in technology in the Fashion Industry". CEAM. Miraflores, Lima, Peru.
2018 Talk: "Reducing the lag: Women in technology". Euroidiomas Foundation. Miraflores, Lima-Peru.
2018 Presentation: "Fabricademy experience". Mexico City, Mexico.
2018 Talk: "Women Makers 2018". Municipality of San Isidro, Lima-Peru.

WORKSHOPS

2019 "3D Modeling in Rhino". DES 165. UC Davis, California, USA.
2019 "Rapid prototyping". DES 50. UC Davis, California, USA.
2018 "3D Modeling and 3D Printing on textiles". DES 178. UC Davis, California, USA.
2018 "3D Printing on textiles". FAB 14. Toulouse, France.
2017 "Light & Culture | Interactive Lamp for kids". FAB 13. Santiago, Chile.
2016 "Emosilla | Make your own chair for kids". Lima, Peru.
2016 "Tumi Lamp | Interactive Lamp for kids". FAB12. Shenzhen, China.

SOFTWARE

Rhinoceros, Grasshopper, Autocad, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Corel Draw, Processing, Microsoft Office, Arduino.

ABILITIES

Architecture, Digital Fabrication, Parametric Design, Biology Design, Wearable Technologies.