



Cristóbal Valenzuela Barrera

 cvalenzuelab.com

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Education

New York University

New York, USA

MPS, ITP - Interactive Telecommunications Program, 2016 - 2018 (expected)

Universidad Adolfo Ibáñez (UAI) School of Design

Santiago, Chile

MFA in Design and Innovation, April 2013

- Cumulative Graduate GPA: 4.9/5.0
- 2013 Valedictorian.
- M.A Thesis: Planned Obsolescence: Three hacked projects to explore the lifecycle of consumer electronics. 5.0/5.0

Universidad Adolfo Ibáñez (UAI) School of Economics and Management

Santiago, Chile

Bachelor of Business Administration, December 2012

- Cumulative Undergraduate GPA: 4.5/5.0
- 2012 Valedictorian.
- Academic Excellence Scholarship.

Work Experience

Google Summer of Code

New York, USA

Open Source Developer for The Processing Foundation

May 2017 - September 2017 (Expected)

- Currently developing an open source library that creates a simple interface to use maps and spatial data with p5.js.

Microsoft Design Expo

New York, USA / Redmond, WA, USA

Designer and Developer

Feb 2017 - July 2017 (Expected)

- Develop a Mix Reality Hololens application to enhance the experience around books.

IDEMAX, Innovation and Design Consulting Firm

Santiago, Chile

Creative Developer

Mar 2013 - June 2016

- Developed and managed design and innovation projects for companies in the healthcare, energy, food, technology and finance sectors.
- Worked with multidisciplinary teams developing user-center tools, services and products.

Universidad Adolfo Ibáñez (UAI) Design Lab

Santiago, Chile

Adjunct Professor

Jan 2015 - June 2016

- Taught design studio classes with a focus on new digital technologies. Advised and reviewed Master's student's thesis.
- Worked at the *Center for Emerging Interfaces* doing research and teaching on physical computing, creative coding, media arts and data visualization.

E3P, Triple Impact Education

Santiago, Chile

Partner

Sept 2014 - Present

- E3P is a Chilean based B-Corp that designs and creates games, products and services that help teach a new economic paradigm by promoting growth in a sustainable manner.

Universidad Adolfo Ibáñez (UAI) Design Lab

Santiago, Chile

Research Assistant and Teaching Assistant

Jan 2013 - Dec 2014

- R.A and T.A for graduate design studios at the UAI School of Design.
- Introduction to Econometrics and Intermediate Econometrics T.A at the School of Economics.

Programming and Hardware Skills

- **Languages:** Proficient with Javascript (ES6), Node, Python, Bash, Git, Github, Java (Processing), Arduino (C), Html, Css, Sass. Some knowledge of C++, C#, MongoDB, React and React Native.
- **Software:** Proficient with Photoshop, Illustrator, Premiere, Apple OS, MS Windows and MS Office. Some knowledge of Unity, QGIS and Xcode. Basic 3D modeling skills with Rhinoc.
- **Hardware:** Proficient with electronic prototyping and digital prototyping. Familiar with standard digital fabrication tools: 3D printers, Laser Cutters, CNC, etc.
- **Interests:** Machine Learning, Data Visualization, Maps, Web Apps, Creative Coding, Physical Installations.

Languages

- Native Spanish, Fluent English (TOEFL iBT 107 - IELTS Overall Band 7.5)

Exhibitions + Showcases

- **NYC Media Lab 16** **Columbia University, NY, USA**
Trade Flow: Visualize and listen to economic trade data.
- **Demand Solution IABD - 2015** **Biblioteca Nacional de Perú, Perú**
A *Data Visualization* based on the Inter-American Development Bank (IABD) commerce and regional data.
- **IV Regional Conference of Open Data for Latin America and the Caribbean - 2015** **Centro Gabriela Mistral, Chile**
Visualizing Chilean Economy and Exportations
- **Lollapalooza Festival - 2014** **Parque O'Higgins, Chile**
Cuando Escucho Rock - Interactive Installation
- **Think in Cooper Contest - 2013** **Museum of Modern Art, Chile**
CuVEST: A mining work cooper based jacket for input/output processing.
- **Matilde Perez Art and Technology Contest - 2012** **Telefónica Foundation, Chile**
Regresión: Interactive and visual exhibition
- **Global Innovation Tournament - 2009** **Stanford University, CA, USA**
Design a web platform to save spare change.

Awards + Honors

- NBCUniversal Social Hack: Third Place 2017
- Chilean National Commission of Scientific Research and Technology Scholarship for Abroad Studies 2016
- VisualizaDA! Data Visualization Contest, Chilean Council for Culture and the Arts: First Place 2015
- Bank of Chile Hackathon: Third Place 2015
- MA UAI Valedictorian 2013
- Think in Cooper Contest MAC & Minera Los Pelambres - Honorable Mention 2012
- Matilde Perez Art & Tech Contest - Fundación Telefónica: Third Place 2012
- III UAI Short Film Competition: First Place 2012
- UAI Undergraduate Academic Excellence Scholarship 2011
- I UAI Short Film Competition: First Place 2010
- Stanford Global Innovation Tournament: First Place 2009