

GUILLERMO MONTECINOS PEÑA

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Working experience

- 2017 - present **Developer**, *Domestik*, software developer for real-time manipulation of video for a live performance presented on August, 2017, in the School of Theatre of the Pontificia Universidad Católica de Chile. Commissioned by María José Contreras
- 2017 - present **Educator**, *Coded Escuela*, co-founder and teacher of Introduction of Coding for Visual Arts using p5.js, course held in the Public Library of Independencia, Santiago
- 2017 **Production**, *New Latin Wave*, producer and organization assistant of the exposition Input/Output presented in the New Latin Wave Festival in New York, October, 2017
- 2016 - present **Project Engineer**, *Enel Generación Chile*, development and implementation of a tool for daily schedule optimization for hydropower plants
- 2016 **Engineer of Studies**, *Systep Ingeniería y Diseño*, tariff calculation process of the electric distribution market
- 2014 - 2016 **Instructor**, *Universidad Diego Portales*, teacher of Electronics Laboratory
- 2012 - 2013 **Instructor**, *Pontificia Universidad Católica de Chile*, teacher of Electric Circuits subject

Exhibitions / Presentations

- 2017, November **School for Poetic Computation Final Showcase**, *It will never be the same, but it will be ok*, performance and sound installation
- 2017, January **Museum of Contemporary Art**, *Sonic Intersections, Possible Worlds*, experimental workshop on sound landscapes. Closing concert at Museum of Contemporary Art, Santiago de Chile

Affiliations

- 2017 - present **Coded Escuela**, *Media Arts and Coding School*, co-founder and educator
- 2015 - present **Sector Coordillera**, *Music Band*, guitars, voices, MIDI programming, visuals and co-production
- 2013 - 2015 **Barranco**, *Music Band*, guitars and voices

Education

- 2017 **School for Poetic Computation**, attendance to 2017 fall season
- 2013 - 2015 **Pontificia Universidad Católica de Chile, Electrical Engineering**, *Master In the Engineering Sciences degree*
- 2008 - 2014 **Pontificia Universidad Católica de Chile, Electrical Engineering**, *Professional Degree and B.S.*

Technological tools

Advanced	Arduino, p5.js, Processing, Ableton Live, Java, MIDI, Markdown, Macros, AMPL
Intermediate	openFrameworks, Max, Python, C++, JavaScript, HTML, CSS, Git, MATLAB
Basic	Raspberry Pi, OSC

Complementary experience

2017	MIT Media Lab , <i>p5.js en Español</i> , talk about the work led by Coded Escuela in writing educational resources for learning p5.js in Spanish in the Processing Community Day
2014	IEEE , <i>PUC Student Branch</i> , chair at Pontificia Universidad Católica Student Branch

References

Available upon request, gamontec@uc.cl