

# GUILLERMO MONTECINOS PEÑA

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## Working experience

2019 - present	<b>Instructor</b> , <i>NYU Center for K-12 STEM CrEST</i> , NYU Tandon School of Engineering.
2018	<b>Assistant</b> , <i>Meisner Studio</i> , Drama Institute, Tisch School of the Arts New York University.
2018	<b>Developer</b> , <i>#LaConquista</i> , software developer of a real-time on-stage app for a live performance presented on June, 2018, in the Centro Cultural Gabriela Mistral (GAM) at Santiago de Chile.
2017 - present	<b>Educator</b> , <i>Coded Escuela</i> , co-founder and teacher of Introduction of Coding for Visual Arts using p5.js, course held in the Public Library of Independencia, Santiago
2017	<b>Developer</b> , <i>Domestik</i> , 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	<b>Production</b> , <i>New Latin Wave</i> , production and organization assistant of the exposition Input/Output presented in the New Latin Wave Festival in New York, October, 2017
2016 - 2018	<b>Project Engineer</b> , <i>Enel Generación Chile</i> , development and implementation of a tool for daily schedule optimization for hydropower plants
2016	<b>Engineer of Studies</b> , <i>Systep Ingeniería y Diseño</i> , tariff calculation process of the electric distribution market
2014 - 2016	<b>Instructor</b> , <i>Universidad Diego Portales</i> , teacher of Electronics Laboratory
2012 - 2013	<b>Instructor</b> , <i>Pontificia Universidad Católica de Chile</i> , teacher of Electric Circuits subject

## Awards

2018, April	<b>New York University</b> , <i>Tisch School of the Arts Dean's Fellowship</i>
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## Exhibitions / Presentations

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

## Education

2018 - present	<b>New York University, Tisch School of the Arts</b> , <i>Interactive Telecommunications Program (MPS)</i> , Expected to graduate in 2020
2017	<b>School for Poetic Computation</b> , attendance to 2017 fall season
2013 - 2015	<b>Pontificia Universidad Católica de Chile, Electrical Engineering</b> , <i>Master In the Engineering Sciences degree</i>

2008 - 2014

**Pontificia Universidad Católica de Chile, Electrical Engineering,**  
*Professional Degree and B.S.*

## 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

## Technological tools

Advanced

Arduino, p5.js, Processing, Ableton Live, Java, MIDI, Git, GitHub, Markdown, Excel Macros, AMPL

Intermediate

JavaScript, Python, openFrameworks, Max, C++, HTML, MATLAB, CSS

Basic

Tensorflow, Magenta, Raspberry Pi, OSC, Photoshop, Illustrator, After Effects  
Unreal Engine

## Complementary experience

2017

**MIT Media Lab**, *p5.js en Español*, 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**, *PUC Student Branch*, chair at Pontificia Universidad Católica Student Branch

## References

**Available upon request**, gamontecin@gmail.com