

SANTIAGO OJEDA RAMÍREZ

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EDUCATION

Universidad de Los Andes (Uniandes) Bogotá, Colombia Master of Arts, Digital Humanities	<i>January 2018 - July 2020</i> GPA: 4.67/5 (3.74/4)
Universidad de Los Andes (Uniandes) Bogotá, Colombia Bachelor of Engineering, Biomedical. Minor in Biology, Minor in Literature	<i>July 2013 - November 2017</i> GPA: 3.91/5 (3.12/4)

AWARDS AND HONORS

ILAE and IBE Congress Award, 2018

Recipient of the Congress Award with the Poster *New method for automatic detection of high frequency oscillations (HFOs) based on energy and entropy of time-frequency analysis* presented in the the 10th Latin American Epilepsy Congress on San José, Costa Rica.

Top Score in Saber 11, 2011 (Ministry of Education, Colombia)

Part of the *List of students with highest performances* awarded to nation-wide top scores on the Colombian ICFES-Saber 11 exam for high school graduates.

National Shortstory Award, 2011 (Ministry of Education, Colombia) Winner of the National Shortstory Award (*Concurso Nacional de Cuento*) with the story *Afecto por Cable*, among more than a thousand participants nation-wide.

RESEARCH EXPERIENCE

Research Assistant Science Faculty, Education Faculty, Universidad de los Andes *Feb 2020 - Present*

⇒ Led interviews, analyzed both quantitative and qualitative data and wrote two paper-proposals (Just submitted) for exploratory factor study of the performance of physics students and Exploratory study about PCK, Self-Efficacy and Behaviors the teaching of [biology GTAs](#). (Advisor: Prof. Stephanie Toro)

Graduate Researcher - Thesis Faculty of Arts and Humanities, Uniandes *Aug 2019 - July 2020*

⇒ Designed an eight-week-long course for 20 students of Uniandes that will took place on April - May 2020 under the project *Designing a Computational Thinking course for Arts and Humanities Students*. Presented this project at ICER 2020 (Advisor: Prof. Carola Hernández)

Research Collaborator MIT Comparative Media Studies, Cambridge, MA *June - July 2019*

⇒ Entered data of more than 300 board games for the study [Games and Colonialism](#). (Prof. Mikael Jakobsson). In 2018, also participated in a workshop, part of this project, where led a team that developed [Una de Dos](#) a socially-driven game.

Graduate Research Assistant Universidad de Los Andes, Department of Architecture, *2018*

⇒ Contributed to architecture-in-videogames research, acknowledged in two publications (1,2) and designed a board-game aimed to communicate urban political tensions in Bogotá.

Graduate Researcher Universidad de Los Andes, Department of Literature *February 2018 - 2019*

⇒ Designed and developed the webpage [Calle María Mercedes Carranza](#), which holds a digital archive with more than 500 pieces of a colombian poet from the XX Century. Presented this work in an international symposium at the University of Lisbon. (Prof. Jerónimo Pizarro)

Undergraduate Researcher - Thesis Project

- ⇒ Developed *Insight*, a tool for the project [Academical inclusion of the visually impaired](#), which allowed visually impaired university students an easy access to different academic texts in an autonomous way.

Undergraduate Researcher

- ⇒ Presented a [poster](#) in the 10th Latin American Epilepsy Congress and participated in the *Biosignals* research group of the Department of Biomedical Engineering. (Prof. Mario Valderrama)

TECHNICAL STRENGTHS

Proficient in C/C++, C # (Unity), Python, R, MATLAB, Java, Javascript, HTML5, CSS, LaTeX and Arduino.

TEACHING AND WORK EXPERIENCE

Pedagogical Coordinator Aug 2020- Present
ScienceLab (Clubes de Ciencia Project).

Mentored instructors and team members on good pedagogical practices.

STEM and Science Teacher - Curricular Innovator July 2018- Present
Gimnasio Moderno School, Bogotá, Colombia

- Taught Chemistry in 11th and 10th grades, Integrated Sciences and STEM in 8th and 4th grades. (Classes taught in English) Mentored senior students with research projects.

Volunteer and Museum Docent Training Course 2018
National Museum of Colombia, Bogotá, Colombia

Teaching Assistant - Biochemistry Lab course - Prof. Valeria Vanegas January - June 2017
Universidad de los Andes, Bogotá, Colombia

- Prepared laboratory material, graded assignments, provided review sessions and tutoring.

Teaching Assistant - History and Sociology of Science - Prof. Camilo Quintero Toro July 2015- June 2017
Universidad de los Andes, Bogotá, Colombia

- Graded assignments, provided review sessions and tutoring.

PUBLICATIONS AND PRESENTATIONS

Ojeda Ramírez S, Hernández C, *Designing a Computational Thinking course for Arts and Humanities' Students.* [Lighting talk](#) presented at the [ACM International Computing Education Research Conference](#), hosted virtually on Aug 8th to 13th 2020.

Pizarro J, Sánchez Valencia A, **Ojeda Ramírez S.** *Making texts multiple. A proposal for digital edition in Calle María Mercedes Carranza.* Oral presentation presented in the International Symposium [Writing and revision stages](#), hosted by the University of Lisbon on Lisbon, Portugal. 6th-7th June 2019.

Pizarro J, Sánchez Valencia A, **Ojeda Ramírez S.** *Construir Calle MMC. Arquitectura de la información en el archivo de María Mercedes Carranza.* [Gaceta CIC 4](#) - Centro de Investigación y Creación - Facultad de artes y Humanidades. - Universidad de los Andes Published on Oct 23, 2018

Ojeda Ramírez S, Navarrete M, Ramos D.J, Le van Quyen M, Valderrama M. *Nuevo método para la detección automática de high frequency oscillations (HFOs) basado en razones de energía y entropía del análisis tiempo-frecuencia.* [Poster](#) presented at the 10th Latin American Epilepsy Congress on San José, Costa Rica. September 29th to October 2nd, 2018.