

Luis Alejandro Pardo González

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PROFESSIONAL PROFILE

Electronic and Biomedical Engineer from the University of the Andes, in Bogotá Colombia, Master of Science from the same university. Three years of experience in image and video understanding using computer vision, machine learning and deep learning techniques. Currently PhD Student at KAUST with high interest in research related with image/video processing and analysis, and its applications.

EDUCATION

Ph.D. Electrical Engineering, King Abdullah University of Science and Technology (KAUST), Saudi Arabia | Fall 2019- Present | Image and Video Understanding Lab (IVUL)

Research Advisor: Prof. Bernard Ghanem.

Relevant Research Projects: Human action localization in videos using weakly supervision.

Research Internship, King Abdullah University of Science and Technology (KAUST), Saudi Arabia | April- August 2018 | Image and Video Understanding Lab (IVUL)

Research Advisor: Prof. Bernard Ghanem.

Research Project: Object Localization in Images using Hybrid Supervised Learning.

M.S. Biomedical Engineering, University of the Andes, Colombia | Fall 2017 – Spring 2018 | Biomedical Computer Vision Lab

Research Advisor: Prof. Pablo Arbeláez.

Relevant Coursework: Introduction to Computer Vision, Special topics in Computer Vision, Optimization.

Research Projects: Object Localization in Images using Hybrid Supervised Learning, 3D vision for aircraft refueling.

B.Sc. in Electronic Engineering, University of the Andes, Colombia | Fall 2011- Spring 2015.

B.Sc. in Biomedical Engineering, University of the Andes, Colombia | Fall 2012- Spring 2016.

PUBLICATIONS AND RESEARCH PROJECTS

Biomedical Engineering Master of Science Project: “*BAOD: Budget Aware Object Detection*”, Alejandro Pardo, Frost Xu, Ali Thabet, Pablo Arbelaez and Bernard Ghanem.

SIPAIM 2017, SPIE Proceedings: “*Learning to Segment Mouse Embryo Cells*”, Juan Carlos León, Alejandro Pardo and Pablo Arbelaez.

Electronic Engineering Bachelor Project: “*Emotion recognition through facial expressions by using RGB-D images*”, directed by Fernando Lozano, PhD. Bogotá 2016.

TEACHING AND RESEARCH EXPERIENCE

University of the Andes

Position: Digital Electronic Systems. Teaching Assistant.

Year: 2014.

University of the Andes

Position: Science, Technology and Gender. Teaching Assistant.

Year: 2016.

University of the Andes

Position: Research Assistant of 3D vision for aircraft refueling.

Year: 2017, 2018.

King Abdullah University of Science and Technology (KAUST)

Position: Visiting Student at Visual Computing Center (VCC), Image and Video Understanding Lab (IVUL).

Year: 2018- First Semester.