

Juan Kikushima

Engineering professional driven by passion for technological innovation

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[LinkedIn](#)

EXPERIENCE

Astria Learning, Remote Position

Academic Coordinator

January 2019 – Present

Coordinate the academic programs developed and managed for our partner institutions. Oversee recruitment of online instructors for a wide variety of academic fields. Commission and audit online course development. Coordinate quality assurance of the different online courses and academic programs. Ensure the smooth planning and execution of the student recruitment process, and coordinate the team of academic advisers that provide guidance and assistance to the enrolled students.

Agricola Crisantemo, Los Mochis, Mexico

Production Manager

January 2018 – Present

Family business. Oversee crop production of corn, beans and sorghum, leveling costs while aiming for the largest possible yield on approximately 50 hectares (120 acres) of land surface. In charge of ordering supplies, handling schedules, financial planning and insurances. Making improvements in the everyday operation of the company, from adopting new inventory management to responsible waste management implementation.

Tecnologico de Monterrey, Guadalajara, Mexico

Undergraduate Instructor

January 2011 - December 2017

Taught English-language physics and math courses for undergraduate engineering majors: Introduction to Physics, Physics I, Physics II, Electricity and Magnetism, Differential Calculus, Multivariable Calculus, Engineering Project Management.

Tecnologico de Monterrey, Guadalajara, Mexico

Academic Director

May 2013 - December 2016

Academic coordination for the International Engineering Program, a special academic program that includes the following majors: Industrial Engineering, Mechatronics Engineering and Mechanical Engineering. As the program director, I was responsible for managing the academic development of the students, organizing activities for admissions and student recruitment, monitoring scheduling and recruiting instructors for English taught engineering courses. During my administration, I organized international academic trips and developed international internships, so our students could have an international professional experience at top-level organizations all over the world. I actively engaged in collaborations with other universities around the world to design exchange programs focused on engineering. I was also responsible for developing and implementing national and international workshops to attract prospective students.

SKILLS

Complex problem solving

Extremely organized

Budgeting and finance

Process implementation

Team leadership

Staff development

Conflict resolution

Strong written and verbal communication

Working and delivering under pressure

Adaptability and Flexibility

Computer and technological savvy

PROGRAMMING LANGUAGES

Most experienced with MATLAB

Some experience in Python, Java, HTML, CSS, JS

LANGUAGES

Spanish: Native speaker

English: Near native

French: Intermediate

Carestream Health, Mexico City

Sales Manager

January 2008 - January 2010

Oversaw sales and services for the largest clients on the private healthcare sector, managing marketing and technical knowledge for a wide range of healthcare solutions, including x-ray film, CR (Computed Radiography), PACS (Picture Archive and Communication System), RIS (Radiology Information System) and HIS (Health Information Systems). Designed and implemented workflows for medical imaging services. Analyzed customer needs to issue tailor made quotations. Followed up on supply and engineering services.

EDUCATION

National Autonomous University of Mexico, Mexico City

Master of Science in Medical Physics

September 2007 - May 2010

Thesis title: Development of a Beam Hardening Correction Algorithm for a Micro-Computed-Tomography Scanner Prototype.

Tecnológico de Monterrey, Monterrey, Mexico

Bachelor of Science in Engineering Physics

January 2001 - December 2005

International Exchange Program: University of Nottingham, UK
September 2004 - May 2005

CONFERENCES

A. Martínez-Dávalos, J. Kikushima, M. Rodríguez-Villafuerte. *Evaluation of the image transfer properties of a flat-panel based micro CT scanner prototype*. Imaging 2010, Royal Institute of Technology, Stockholm, Sweden, June 2010.

J. Kikushima, A. Martínez-Dávalos, M. Rodríguez-Villafuerte. *Computer algorithm for correction of beam hardening artifacts in micro CT*. Simposio Mexicano de Física Médica, National Cancer Institute, Mexico City, March 2010.

J. Kikushima, A. Martínez-Dávalos, M. Rodríguez-Villafuerte. *Correction of beam hardening artifacts in a micro CT prototype*. LII Physics National Conference, Acapulco, Mexico, October 2009.

PUBLICATIONS

J. Kikushima, A. Lerner, H. Moro, *Gonzalo Lebrija Possibility of Disaster*. Monterrey, Mexico, CONARTE 2013.