

Beatriz Fusaro

Content Creator and Tech Enthusiast

+1 (678) 770-3908
beatrizfusaro@gmail.com

EXPERIENCE

BRHM Lab and REAR Lab, Atlanta — Research Assistant

August 2017 - March 2019

Developed an MRI phantom model and a biologically inspired camera bot, especially in prototyping, image segmentation and deblurring.

The Climate Corporation, Chicago — Software Developer

May 2018 - August 2018

Worked under the CTO for the creation of an automated agricultural robot, focusing on path planning and image recognition, as well as implementing a dev library for the company's hardware product.

Siemens Healthineers, Germany — Innovation Intern

May 2016 - August 2017

Was part of an innovation team that doubled as a startup incubator. Created prototypes and proof of concepts for a variety of products, including an intelligent robotic arm. Developed new algorithms for MRI image processing. Designed and implemented new intranet websites for all departments of the Healthineers division. Created animations, banners and business presentations.

GT Research Institute, Atlanta — Research Assistant

January 2016 - May 2016

Developed a soft robotics fruit ripeness measurement system with a near-infrared spectroscopy sensing system with Arduino processing while formulating materials and methods for data collection and analysis.

EDUCATION

Experience Lab at UC Berkeley, Berkeley — Certificate in Content Development

Expected June 2020

Georgia Institute of Technology, Atlanta — B.S. in Mechanical Engineering

August 2015 - May 2019

Minor in Computer Science and Concentration in Automation and Robotics.

SKILLS & CERTIFICATES

Python, C/C++, Java, Matlab, Labview, R, ROS

Adobe Suite (Photoshop, illustrate, Animate), CAD

Certified in Google Analytics for Beginners and HubSpot's Inbound Marketing

PUBLICATIONS

Error Function Trajectories for Image Reconstruction, 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2018)

Method for visualizing a medical image data set, system for visualizing a medical image data set, computer program product and computer-readable medium, Patent 2017P16527EP, 2017P16527CN.

Panel Speaker International STEAM Leadership Conference

LANGUAGES

Fluent English and Portuguese, Intermediate German and Italian