Ricardo Rossiter Barioni
Curriculum Vitae

PERSONAL DETAILS

Birth	April 22, 1996
Phone	55-81-985582677
Mail	rrbarioni@gmail.com
Linkedin	linkedin.com/in/rrbarioni
Github	github.com/rrbarioni

EXPERIENCE

Academic Research   Jan 2018 - Ongoing
Voxar Labs, Recife, BR
Academic researches focused in natural interaction and machine learning.
Technique enhancement of human pose estimation methods from RGB inputs.

Academic Research   Mar 2019 - Ongoing
CIn Projeto Samsung, Recife, BR
Enhancement of user experience on extended realities, in collaboration with Voxar Labs.

Academic Research   Jul 2017 - Mar 2019
CIn Projeto Samsung, Recife, BR
Enhancement of computer vision's state of art methods, in collaboration with Voxar Labs.

Undergraduate Research   Aug 2016 - Nov 2017
Voxar Labs, Recife, BR
Academic researches focused in natural interaction and augmented reality.
Technique enhancement of therapeutic exercise orientations on augmented reality applications using biomechanical gestures recognition and functional gestures recognition methods exploration.

Undergraduate Research   May 2017 - Jun 2017
Voxar Labs, Recife, BR
Academic researches focused in data visualization.
Development of a web tool for analyzing bat populations from thermal images obtained on caves.

EDUCATION

MSc. in Computer Science   Aug 2018 - Ongoing
Federal University of Pernambuco (UFPE), Recife, BR

BSc. in Computer Science   Apr 2014 - Jul 2018
Federal University of Pernambuco (UFPE), Recife, BR

LEADERSHIP AND AWARDS

Publication at Congresso Brasileiro de Engenharia Biomédica 2018 (CBEB) — Oct 2018
Hotel Atlântico Búzios, Búzios, BR

Participation and Presentation at Symposium on Virtual and Augmented Reality 2017 (SVR) — Nov 2017
PUCPR, Curitiba, BR

Volunteer at Olimpíada Brasileira de Robótica 2017 (OBR) — Aug 2017
Arena Pernambuco, São Lourenço da Mata, BR

Participation at International Free Software Forum 2017 (FISL) — Jul 2016
PUCRS Center of Events, Porto Alegre, BR

Teacher Assistant of Algorithms and Data Structures — Mar 2015 - Mar 2016
Federal University of Pernambuco (UFPE), Recife, BR

Awarded B in First Certificate in English (FCE) — Jan 2013
University of Cambridge, UK

PUBLICATIONS

Human Pose Tracking from RGB Inputs — Aug 2018
Symposium on Virtual and Augmented Reality 2018 (SVR)

ARkanoidAR 2.0: Otimizações em uma solução de realidade aumentada com base em testes de usabilidade — Aug 2018
Congresso Brasileiro de Engenharia Biomédica 2018 (SVR)

ARkanoidAR: an Augmented Reality System to Guide Biomechanical Movements at Sagittal Plane — Jun 2017
Symposium on Virtual and Augmented Reality 2017 (SVR)

SKILLS

Languages	Portuguese (mother tongue) English (fluent)
Software	Java, Javascript, Git, Kinect, OpenGL, OpenCV, SQL, Python, Keras, Haskell, C++
Interests	Augmented Reality, Data Visualization, Natural Interaction, Machine Learning, Computer Vision