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   `Jul 2017 - Ongoing`
Voxar Labs / Projeto Samsung, Recife, BR
> Enhancement of computer vision's state of art methods, in collaboration with Projeto Samsung.

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

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

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

LEADERSHIP AND AWARDS

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

Teacher Assistant of Algorithms and Data Structures
Federal University of Pernambuco (UFPE), Recife, BR

Mar 2015 - Mar 2016

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

Jul 2016

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

Aug 2017

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

Nov 2017

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

Oct 2018

PUBLICATIONS

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

Jun 2017

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

Aug 2018

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

Aug 2018

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