Ricardo Rossiter Barioni

Curriculum Vitae

PERSONAL DETAILS

Birth	April 22, 1996
Address	415 Dom José Lopes St, Boa Viagem, Recife, PE, Brazil
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EXPERIENCE

Academic Research — Jul 2017 - Ongoing

Voxar Labs / Projeto Samsung

Enhancement of computer vision and machine learning's state of art methods, in collaboration with Projeto Samsung.

Undergraduate Research — Aug 2016 - Nov 2017

Voxar Labs

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

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 - 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 — Mar 2015 - Mar 2016

Federal University of Pernambuco (UFPE), Recife, BR

Participation at International Free Software Forum 2017 (FISL) — Jul 2016

PUCRS Center of Events, Porto Alegre, BR

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

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

PUBLICATIONS

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/WebGL, SQL, Python, Haskell, C++
Interests	Augmented Reality, Data Visualization, Natural Interaction, Machine Learning, Computer Vision