

RICARDO ROSSITER BARIONI

A Coding Lover

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EXPERIENCE

Undergraduate Research

Voxar Labs

Jul 2016 – Ongoing Recife, Brazil

- Academic researches focused in data visualization, 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
- Development of a web tool for analyzing bat populations from thermal images obtained on caves

EDUCATION

B.S. in Computer Science

Federal University of Pernambuco

Apr 2014 – Ongoing Recife, Brazil

LEADERSHIP AND AWARDS

Teacher Assistant of Algorithms and Data Structures

Informatics Center, UFPE

Mar 2015 – Mar 2016 Recife, Brazil

Awarded B in First Certificate in English (FCE)

University of Cambridge, UK

Jan 2013 Recife, Brazil

Participation at International Free Software Forum (FISL)

PUCRS Center of Events, PUCRS

Jul 2016 Porto Alegre, Brazil

PUBLICATIONS

ARkanoidAR: an Augmented Reality System to Guide Biomechanical Movements at Sagittal Plane

SVR 2017 (Accepted for publication)

Jun 2017 Recife, Brazil

LIFE PHILOSOPHY

“The only thing we have to fear is fear itself.”

STRENGTHS

- Hard-working
- Motivated
- Open-minded

AREAS OF INTEREST

- Augmented Reality
- Data Visualization
- Natural Interaction
- Machine Learning
- Computer Graphics

COMPETENCES

- Java
- C++
- Javascript|D3
- Git
- Kinect
- OpenGL|WebGL
- SQL
- Haskell

LANGUAGES

- Portuguese
- English