# 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

## 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 | ●●●●○ |