Pedro Silva

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Work Experience

Virtual Reality and Multimedia Group   **Jun 2016 - Present**

- Research and development with fundamentals of computer vision applied to the petroleum industry

- Development of a fiducial marker system for tracking equipment in submerged environments

- Worked developing software architecture for projects in the area of oil extraction

Education

- **BSc of Computer Engineering** at Federal University of Pernambuco (8.09/10.0)   **May 2013 - Jun 2018**

Skills

- **Programming -** C/C++, Python, Matlab, Java, JavaScript, C# (Game Development);

- **Tools and Libraries -** Git, OpenCV, QT, LeakCanary;

- **Software -** Visual Studio, Eclipse, Android Studio, Qt Designer, Unity, Arduino.

Personal Projects

- **"CrasherBot - github.com/phrps/CrasherBot":** Project to develop an artificial intelligence for Starcraft Broodwar using BWAPI API

- **"AM - github.com/phrps/AM":** Project to implement some machine learning algorithms for outlier removal implemented in Python

Teaching Assistant

Introduction to Programming (IF699)   **Feb 2014 - Jun 2014**

- Teaching assistant on programming lab classes

Communication Infrastructure (IF678)   **Aug 2015 - Dec 2015**

- Teaching assistant on low level networking interface in Python classes

Software Infrastructure (IF677)   **Feb 2016 - Dec 2016**

- Teaching assistant on Multithreading programming classes