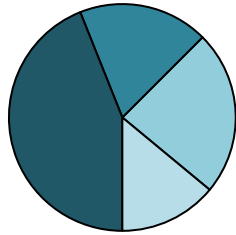




# Christopher Shneider Cerqueira

## How would I describe myself?



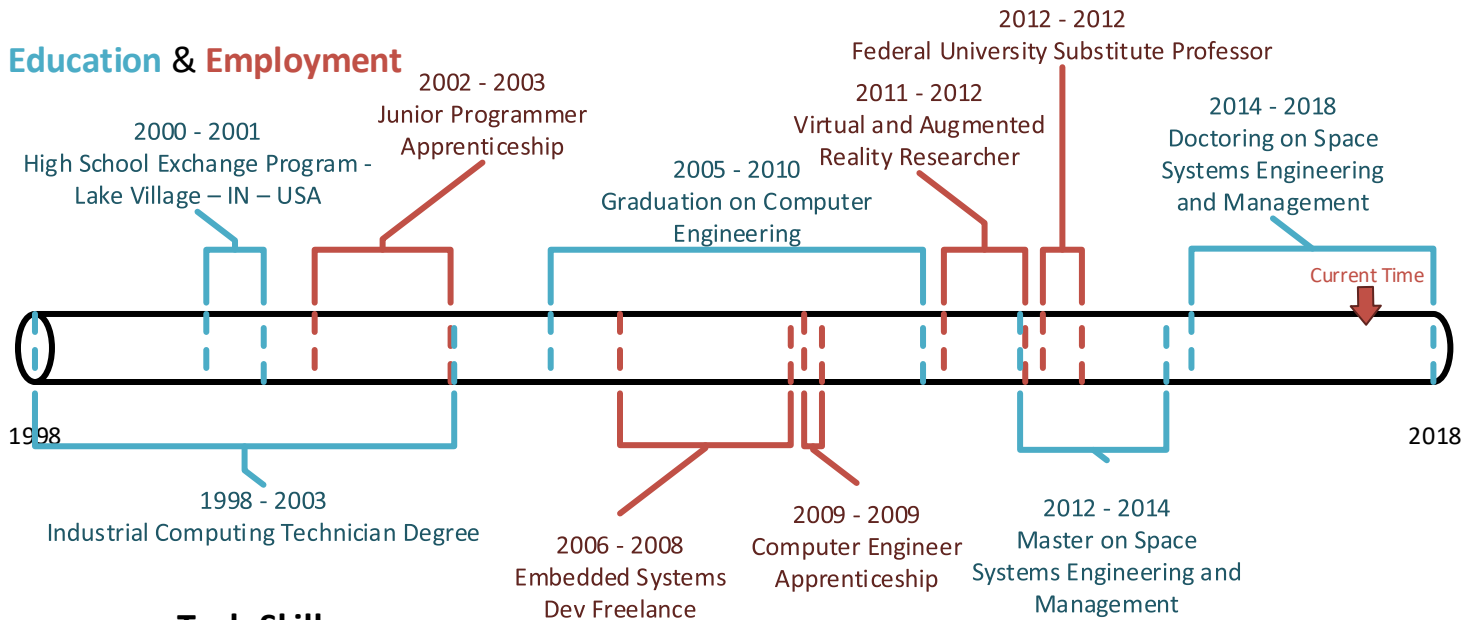
- Workholic
- Curious
- Team Work
- Crazy Ideas

## Augmented and Cross Reality Researcher

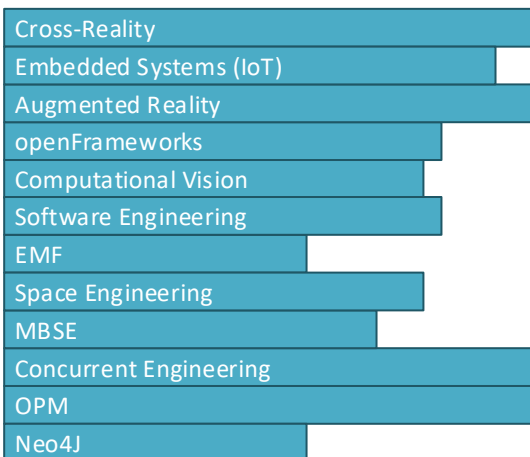
**Meta Description:** Bluesman, programmer, guitar player, human-interface researcher, life-time student, geek, UX developer, motorcycle rider, song writer, computer engineer...

**What I research:** Human Machine Interaction, Natural User Interaction, Design Languages, Distributed Simulation, Graph Theory, Ubiquitous Systems, Space, System Engineering, Model Based System Engineering, and Concurrent Engineering.

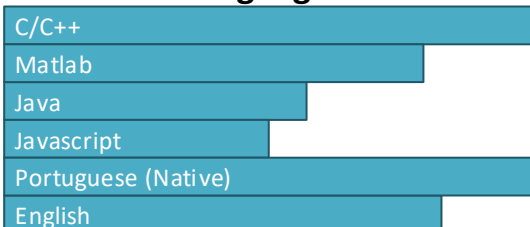
## Education & Employment



## Tech Skills:



## Languages:



**Other interests:** Cigar Box Guitar, CubeSats, Arduino, ESP8266, Kinect, Big Data, Control Theory, Rockets, eletronics and disabled related UI.

**(current) Thesis Project:** Developing using an 2D IoT tabletop drone swarm (built with ESP8266) empowered by projected Augmented Reality interface aura (built with ARToolkitPlus, Kinect and openFrameworks). The Cross-Reality (AR + IoT) Environment will support a Model Based Concurrent Engineering Process for Space Systems Concept Studies

**Master's Dissertation Project:** Developed a XML based satellite simulator, and a simulation data 3D navigation front-end with openFrameworks to a Satellite Operational Simulator.

**Engineering Graduation Project:** Reviewed, and tested, Augmented Reality (AR) technologies to museums: ARToolkit, openCV, and Wiimote.

**Technician Graduation Project:** Spectral Analysis Embedded software in HC908 Freescale chip to colour selecting machine.

Cisco CCNA. Network Design. Certification period: 2001-2004  
2002 - INEXH - DL - Development and Leadership.

## Get in touch:



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