

Sidnei de Souza Junior

Temas:

-Blockchain

<https://ieeexplore.ieee.org/courses/details/EDP521>

<https://ieeexplore.ieee.org/document/9284781>

<https://ieeexplore.ieee.org/document/8946277>

<https://ieeexplore.ieee.org/document/8946187>

-Web3

<https://arxiv.org/abs/2203.00398>

<https://ieeexplore.ieee.org/document/4545635>

<https://ieeexplore.ieee.org/document/5887233>

<https://ieeexplore.ieee.org/document/8441717>

<https://ieeexplore.ieee.org/document/6798297>

<https://ieeexplore.ieee.org/document/6016782>

-HardWallet ou Cold Wallet

<https://ieeexplore.ieee.org/document/9039145>

<https://ieeexplore.ieee.org/document/8966739>

<https://ieeexplore.ieee.org/document/9214122>

<https://ieeexplore.ieee.org/document/8686561>

<https://ieeexplore.ieee.org/document/9040627>

<https://ieeexplore.ieee.org/document/8728483>

-Segurança da informação

<https://ieeexplore.ieee.org/document/8946277>

-Bitcoin

<https://ieeexplore.ieee.org/document/8003959> -> Wallets e Seguranca

<https://ieeexplore.ieee.org/courses/details/EDP520> -> Blockchain

<https://ieeexplore.ieee.org/document/8276874>

<https://ieeexplore.ieee.org/document/9036391>

<https://ieeexplore.ieee.org/document/8801796>

<https://ieeexplore.ieee.org/document/8892943>

-ESP32

<https://ieeexplore.ieee.org/document/9606244> -> Implementation of WebSockets in ESP32 based IoT Systems

<https://ieeexplore.ieee.org/document/9061269> -> Testing the Security ESP32 Internet of Things Devices

<https://ieeexplore.ieee.org/document/8286184> -> **Design and implementation of a low cost web server using ESP32 for real-time photovoltaic system monitoring**

<https://ieeexplore.ieee.org/document/9533189> -> Prototype of Home Power Monitoring Tool for Electrical Outlet Using ESP32

<https://ieeexplore.ieee.org/document/8792852> -> Enabling ESP32-based IoT Applications in Building Automation Systems

-Smart Home

<https://ieeexplore.ieee.org/document/8537381> -> A Comparative Analysis on Smart Home System to Control, Monitor and Secure Home, based on technologies like GSM, IOT, Bluetooth and PIC Microcontroller with ZigBee Modulation

<https://ieeexplore.ieee.org/document/8644349> -> Domicile - An IoT Based Smart Home Automation System

<https://ieeexplore.ieee.org/document/9243631> -> All-in-One Application For Smart Home System Base on Telegram Controlled

<https://ieeexplore.ieee.org/document/9490420> -> Design and Implementation of an IoT-Enabled Smart Plug Socket for Home Energy Management

<https://ieeexplore.ieee.org/document/9123860> ->  
**Investigating Smart Home Security: Is Blockchain the Answer?**

<https://ieeexplore.ieee.org/document/8993202> -> IoT Based Smart Home Using Multiple Language Voice Commands

<https://ieeexplore.ieee.org/document/9533189> -> Prototype of Home Power Monitoring Tool for Electrical Outlet Using ESP32

<https://ieeexplore.ieee.org/document/8921287> -> ESP 8266 For Control And Monitoring In Smart Home Application

<https://ieeexplore.ieee.org/document/9431473> -> Development of Application and Face Recognition for Smart Home

<https://ieeexplore.ieee.org/document/9650605> -> Application of IoT and Cloud Storage in Android-Based Smart Home Technology

<https://ieeexplore.ieee.org/document/8729519> -> Environment Dynamic Monitoring and Remote Control of Greenhouse with ESP8266 NodeMCU

<https://ieeexplore.ieee.org/document/9487628> -> IoT Based Smart Home Automation Using Solar Photovoltaic System and Online Time Server

<https://ieeexplore.ieee.org/document/8921287> -> ESP 8266 For Control And Monitoring In Smart Home Application

<https://ieeexplore.ieee.org/document/9696996/> -> Remote Monitoring and Home Security System

**26/05/2022**

**Palavras-chaves: Enhanced Living Environments, Smart Homes, Internet of Things**

<https://ieeexplore.ieee.org/document/7802510> -> Internet of Things Architecture for Enhanced Living Environments

<https://ieeexplore.ieee.org/document/7883880> -> Improving Activity Recognition Accuracy in Ambient-Assisted Living Systems by Automated Feature Engineering

<https://ieeexplore.ieee.org/document/9152026> -> A Real-Time Noise Monitoring System Based on Internet of Things for Enhanced Acoustic Comfort and Occupational Health

<https://ieeexplore.ieee.org/document/9221177> -> Enhanced Activity Recognition of the IoT Smart Home users through Cluster Analysis

<https://ieeexplore.ieee.org/document/9590204> -> Feedback Learner Framework for enhancing User Automations in IoT Smart Home Environment

<https://ieeexplore.ieee.org/document/9340231> -> Security and Privacy of Medical Internet of Things Devices for Smart Homes

<https://ieeexplore.ieee.org/document/7845463> -> Adaptive environments for enabling senior citizens: An holistic assessment tool for housing design and IoT-based technologies

<https://ieeexplore.ieee.org/document/7901573> -> Interoperability in IoT infrastructures for enhanced living environments

<https://ieeexplore.ieee.org/document/7821687> -> SMART-ITEM: IoT-enabled smart living

<https://ieeexplore.ieee.org/document/7841468> -> Smart Home: Cognitive Interactive People-Centric Internet of Things

<https://ieeexplore.ieee.org/document/8332669> -> Guest Editorial: A Roadmap for Mobile and Cloud Services for Digital Health

## **Palavras Chaves: Health Services for the Aged**

<https://ieeexplore.ieee.org/document/6379478> -> **Constructing ideas of health service platform for the elderly**

<https://ieeexplore.ieee.org/document/9140946> -> A wearable device for monitoring health risks when children play outdoors

<https://ieeexplore.ieee.org/document/9541325> -> P2089/D4, Sept 2021 - IEEE Draft Standard for Age Appropriate Digital Services Framework - Based on the 5Rights Principles for Children

<https://ieeexplore.ieee.org/document/4265798> -> A Study of the Electronic Healthy Diet and Nutrition Assessment System Applied in a Nursing Home

## **Palavras Chaves: Health Services for the Aged, Wearable Electronic Devices, Internet of Things**

<https://ieeexplore.ieee.org/document/9385761> -> A Context-Aware IoT-Based Smart Wearable Health Monitoring System

<https://ieeexplore.ieee.org/document/9500955> -> Distributionally Robust Optimization for Peak Age of Information Minimization in E-Health IoT

<https://ieeexplore.ieee.org/document/9096227> -> Survey on Smart Health Management using BLE and BLE Beacons

Palavras Chaves: Health Services for the Aged, Wearable Electronic Devices, Smart Homes

<https://ieeexplore.ieee.org/document/4353757> -> Some Perspectives on Affordable Healthcare Systems in China

<https://ieeexplore.ieee.org/document/8847361> -> BIA: Behavior Identification Algorithm Using Unsupervised Learning Based on Sensor Data for Home Elderly

<https://ieeexplore.ieee.org/document/8355255> -> Unobtrusive Activity Recognition of Elderly People Living Alone Using Anonymous Binary Sensors and DCNN

## **Palavras Chaves: Smart Homes, Wearable Electronic Devices**

<https://ieeexplore.ieee.org/document/9426096> -> Good-Eye: A Device for Automatic Prediction and Detection of Elderly Falls in Smart Homes

<https://ieeexplore.ieee.org/document/8197495> -> Internet of Things-Based Consumer Electronics: Reviewing Existing Consumer Electronic Devices, Systems, and Platforms and Exploring New Research Paradigms

<https://ieeexplore.ieee.org/document/8721455> -> Inferring Micro-Activities Using Wearable Sensing for ADL Recognition of Home-Care Patients

<https://ieeexplore.ieee.org/document/8343563> -> A wearable NFC wristband for remote home automation system

<https://ieeexplore.ieee.org/document/9336397> -> A Study on Smart Home Voice Control Terminal

<https://ieeexplore.ieee.org/document/9630761> -> Indoor Human Localization and Gait Analysis using Machine Learning for In-home Health Monitoring

<https://ieeexplore.ieee.org/document/8858455> -> IoT for 5G/B5G Applications in Smart Homes, Smart Cities, Wearables and Connected Cars

<https://ieeexplore.ieee.org/document/8726637> -> Improving IoT Services in Smart-Home Using Blockchain Smart Contract

<https://ieeexplore.ieee.org/document/7454512> -> Intelligent remote control of smart home devices using physiological parameters

<https://ieeexplore.ieee.org/document/9087487> -> IoT Based Health Monitoring Using Smart Devices for Medical Emergency Services

<https://ieeexplore.ieee.org/document/6860030> -> A wearable smartphone-based system for electrocardiogram acquisition

## **Palavras Chaves: Smart Homes, Internet of Things, Wearable Electronic Devices**

<https://ieeexplore.ieee.org/document/6590049> -> Integration of wearable devices in a wireless sensor network for an E-health application

<https://ieeexplore.ieee.org/document/8037330> -> Wearable Internet of Things - from human activity tracking to clinical integration

<https://ieeexplore.ieee.org/document/7491206> -> Front-end intelligence for large-scale application-oriented internet-of-things

<https://ieeexplore.ieee.org/document/9371773> -> A study of fall detection monitoring system for elderly people through IOT and mobile based application devices in indoor environment

## **Palavras Chaves: Smart Homes, Internet of Things, Ambient assisted living systems**

<https://ieeexplore.ieee.org/document/9259711> -> Smart Home Supporting Integrated Health and Care Services for Older Adults in the Community: Literature review and research agenda

<https://ieeexplore.ieee.org/document/7156004> -> Bridging e-Health and the Internet of Things: The SPHERE Project

<https://ieeexplore.ieee.org/document/9238289> -> IoT solution for monitoring of data in the visible and infrared spectrum

<https://ieeexplore.ieee.org/document/8892173> -> Exploitation of the RFID technology for autonomous living

<https://ieeexplore.ieee.org/document/8727452> -> IoT Wearable Sensor and Deep Learning: An Integrated Approach for Personalized Human Activity Recognition in a Smart Home Environment

<https://ieeexplore.ieee.org/document/9486939> -> Non-Wearable IoT-Based Smart Ambient Behavior Observation System

<https://ieeexplore.ieee.org/document/9565155> -> Smart Healthcare in the Age of AI: Recent Advances, Challenges, and Future Prospects

<https://ieeexplore.ieee.org/document/9466828> -> Assessment of a Robotic Assistant for Supporting Homework Activities of Children With ADHD

**28/05/2022**

## **Palavras-chaves: Enhanced Living Environments, Smart Homes, Internet of Things**

<https://pubmed.ncbi.nlm.nih.gov/35323409/> -> A Flexible, Wearable, and Wireless Biosensor Patch with Internet of Medical Things Applications

<https://pubmed.ncbi.nlm.nih.gov/34450860/> -> Wearables and Internet of Things (IoT) Technologies for Fitness Assessment: A Systematic Review

<https://pubmed.ncbi.nlm.nih.gov/34613664/> -> Making ideas a reality: optimising healthtech innovation in Australia

<https://pubmed.ncbi.nlm.nih.gov/27667383/> -> Leading the Way: Cardiology and the Future of HealthTech Innovation

<https://pubmed.ncbi.nlm.nih.gov/32837226/> -> Weathering the storm; and seeking breaks in the clouds

<https://pubmed.ncbi.nlm.nih.gov/17603837/> -> The future of remote health services: summary of an expert panel discussion

<https://pubmed.ncbi.nlm.nih.gov/33901972/> -> Health-tech startups in healthcare service delivery: A scoping review

<https://pubmed.ncbi.nlm.nih.gov/35323409/> -> A Flexible, Wearable, and Wireless Biosensor Patch with Internet of Medical Things Applications

<https://pubmed.ncbi.nlm.nih.gov/34066186/> -> BeSafe B2.0 Smart Multisensory Platform for Safety in Workplaces

<https://pubmed.ncbi.nlm.nih.gov/34260971/> -> D-SORM: A digital solution for remote monitoring based on the attitude of wearable devices

<https://pubmed.ncbi.nlm.nih.gov/31203472/> -> A Systematic Review of Wearable Sensors and IoT-Based Monitoring Applications for Older Adults - a Focus on Ageing Population and Independent Living

<https://pubmed.ncbi.nlm.nih.gov/30200566/> -> A Device-Independent Efficient Actigraphy Signal-Encoding System for Applications in Monitoring Daily Human Activities and Health

<https://pubmed.ncbi.nlm.nih.gov/32316866/> -> The Internet of Things and Big Data Analytics for Chronic Disease Monitoring in Saudi Arabia



<https://pubmed.ncbi.nlm.nih.gov/32130158/> -> A Communication Infrastructure for the Health and Social Care Internet of Things: Proof-of-Concept Study

<https://pubmed.ncbi.nlm.nih.gov/34336163/> -> The Internet of Things in Geriatric Healthcare

<https://pubmed.ncbi.nlm.nih.gov/34038251/> -> Internet-of-Things Smart Home Technology to Support Aging-in-Place: Older Adults' Perceptions and Attitudes

<https://pubmed.ncbi.nlm.nih.gov/25991216/> -> Internet of things for an age-friendly healthcare

<https://pubmed.ncbi.nlm.nih.gov/33921548/> -> A Solution for the Remote Care of Frail Elderly Individuals via Exergames

<https://pubmed.ncbi.nlm.nih.gov/35225069/> -> Internet-of-Things (IoT) in healthcare and social services - experiences of a sensor system for notifications of deviant behaviours in the home from the users' perspective

<https://pubmed.ncbi.nlm.nih.gov/32277435/> -> Internet of things (IoT) applications for elderly care: a reflective review

<https://pubmed.ncbi.nlm.nih.gov/34939791/> -> Electronic Textiles for Wearable Point-of-Care Systems

<https://pubmed.ncbi.nlm.nih.gov/29969384/> -> Automated Systems Based on Wearable Sensors for the Management of Parkinson's Disease at Home: A Systematic Review

<https://pubmed.ncbi.nlm.nih.gov/31045500/> -> Change in Waist Circumference With Continuous Use of a Smart Belt: An Observational Study

<https://pubmed.ncbi.nlm.nih.gov/30196346/> -> Falls management framework for supporting an independent lifestyle for older adults: a systematic review

<https://pubmed.ncbi.nlm.nih.gov/34299861/> -> How Can We Develop an Efficient eHealth Service for Provision of Care for Elderly People with Balance Disorders and Risk of Falling? A Mixed Methods Study

<https://pubmed.ncbi.nlm.nih.gov/33406540/> -> Early Detection of Prediabetes and T2DM Using Wearable Sensors and Internet-of-Things-Based Monitoring Applications

<https://pubmed.ncbi.nlm.nih.gov/32990673/> -> eHealth and Clinical Documentation Systems

<https://pubmed.ncbi.nlm.nih.gov/33985495/> -> Interoperability frameworks linking mHealth applications to electronic record systems

<https://pubmed.ncbi.nlm.nih.gov/30196346/> -> Falls management framework for supporting an independent lifestyle for older adults: a systematic review

<https://pubmed.ncbi.nlm.nih.gov/33860945/> -> Health for all by 2030 is within our grasp: we must act now

<https://pubmed.ncbi.nlm.nih.gov/33934362/> -> Australia in 2030: what is our path to health for all?

<https://pubmed.ncbi.nlm.nih.gov/34613664/> -> Making ideas a reality: optimising healthtech innovation in Australia

**30/05/2022**

## **Palavras-chaves: Wearable Electronic Devices, Healthcare**

<https://ieeexplore.ieee.org/document/6366225> -> A Semantic-Web Oriented Representation of Clinical Element Model for Secondary Use of Electronic Healthcare Data

<https://ieeexplore.ieee.org/document/9138170> -> New Perspectives on Wearable Devices and Electronic Health Record Systems

<https://ieeexplore.ieee.org/document/9278882> -> Wearable IoT Electronic Nose for Urinary Incontinence Detection

<https://ieeexplore.ieee.org/document/9596404> -> Applications of Wearable devices in IoT

<https://ieeexplore.ieee.org/document/9583926> -> Q-PPG: Energy-Efficient PPG-Based Heart Rate Monitoring on Wearable Devices

<https://ieeexplore.ieee.org/document/8827643> -> Toward Wearable Healthcare: A Miniaturized 3D Imager With Coherent Frequency-Domain Photoacoustics

<https://ieeexplore.ieee.org/document/9415416> -> Efficient Hardware Architecture of Convolutional Neural Network for ECG Classification in Wearable Healthcare Device

<https://ieeexplore.ieee.org/document/8470151> -> Wearable Devices for Precision Medicine and Health State Monitoring

<https://ieeexplore.ieee.org/document/9492783> -> Respiratory Event Detection During Sleep Using Electrocardiogram and Respiratory Related Signals: Using Polysomnogram and Patch-Type Wearable Device Data

<https://ieeexplore.ieee.org/document/9490248> -> A Novel Wearable Device for Continuous Temperature Monitoring & Fever Detection

<https://ieeexplore.ieee.org/document/8946736> -> A Multimodal Wearable System for Continuous and Real-Time Breathing Pattern Monitoring During Daily Activity

<https://ieeexplore.ieee.org/document/7932159> -> Stability of Enzymatic Biosensors for Wearable Applications

<https://ieeexplore.ieee.org/document/8440715> -> Stretchable Optical Sensing Patch System Integrated Heart Rate, Pulse Oxygen Saturation, and Sweat pH Detection

<https://ieeexplore.ieee.org/document/9579950> -> Artificial Intelligence and Machine Learning as a Tool for Combating COVID-19: A Case Study on Health-Tech Start-ups

<https://ieeexplore.ieee.org/document/9508554> -> Conceptual Design and Analysis of a Mobile Digital Identity for eHealth Applications

Automation, ESP8266, ESP32, Monitoring, IoT, Smart House,

Títulos para o artigo:

- Criação de uma plataforma para organização de medicamentos e de um dispositivo que auxilia e guarda os medicamentos.
- Design e implementação de um dispositivo inteligente utilizando um ESP32, para organização e notificação de medicamentos em conjunto com uma plataforma de

helathcare para um melhor acompanhamento do paciente(cada compartimento tem para identificar qual o remedio que irá ser tomado naquela hora notificando com um led, com um conjunto de números em braille para pessoas com déficit óptico e notificação pelo celular do paciente e do responsável).

- Prototipação de um vestível que realiza o monitoramento cardíaco para o acompanhamento do paciente.
- Design e implementação de um dispositivo para captar saliva do paciente e verificar se está com tuberculose.
-