

Hi, I'm Maykon Meneghel

Master in Health Technologies and specialist in Artificial Intelligence, graduated in Control and Automation Engineering from the Pontifical Catholic University of Paraná (PUC—PR)

2024



Education

Master's Degree in Healthy Technologies
Post Graduated in Artificial Intelligence
Graduated in Control and Automation Engineer

Experiences

Agrom.IO Startup Founder (Agritech)
Dommuz Startup Co-Founder (Smart Home)
Apple Developers Academy
Psiu Startup Co-Founder (Proptech)
Hubli Startup Co-Founder (Edtech)
PreditChart Startup Co-Founder (Fintech)

Language

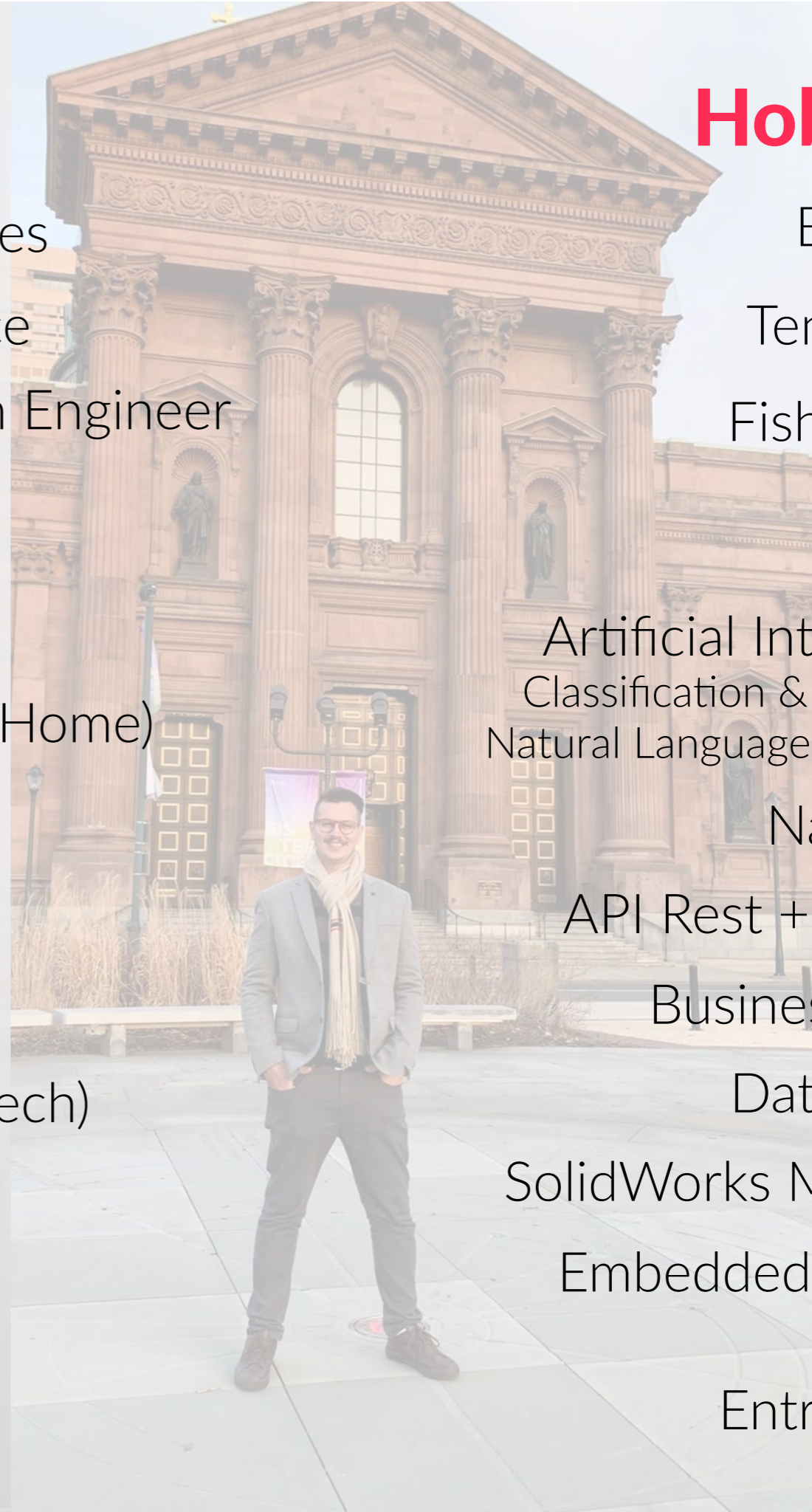
Portuguese
English

Hobbies

Bike 🚴
Tennis 🎾
Fishing 🎣

Skills

Artificial Intelligence
Classification & Regression
Natural Language Processing
Native iOS
API Rest + Node.JS
Business Model
Data Mining
SolidWorks Modelling
Embedded Systems
IoT Devices
Entrepreneur



Awards



Instrument for Measuring Factors and/or Natural Elements of the Soil

Graduation in Control and Automation Engineering, 2016

A Tool to Select FES Parameters for chronic SCI

Paper Publication in 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2019

Indoors Wi-Fi fall Detector Buckle for the Elderly

Paper Publication in Advanced Materials Proceedings, 2019, Volume 4, Issue 1, Pages 40-45

Application, in silico, of electrical stimuli in a neuro-muscular model compatible with chronic spinal cord injury

Postgraduate Program in Health Technology, Master's Degree, 2019

Forecasting financial series with Generative Adversarial Networks

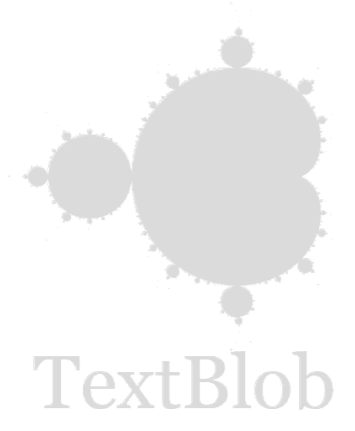
Postgraduate Program in Artificial Intelligence, Specialization, 2020

 **MACHINE LEARNING**

 **PNL**

 mongoDB®

 restify

 TextBlob

 Google BERT Algorithm



Express **JS**

node **JS**

 ARDUINO

My



TS

 ESPRESSIF

Know-how



 MICROCHIP



JS

 docker.

 Sketch

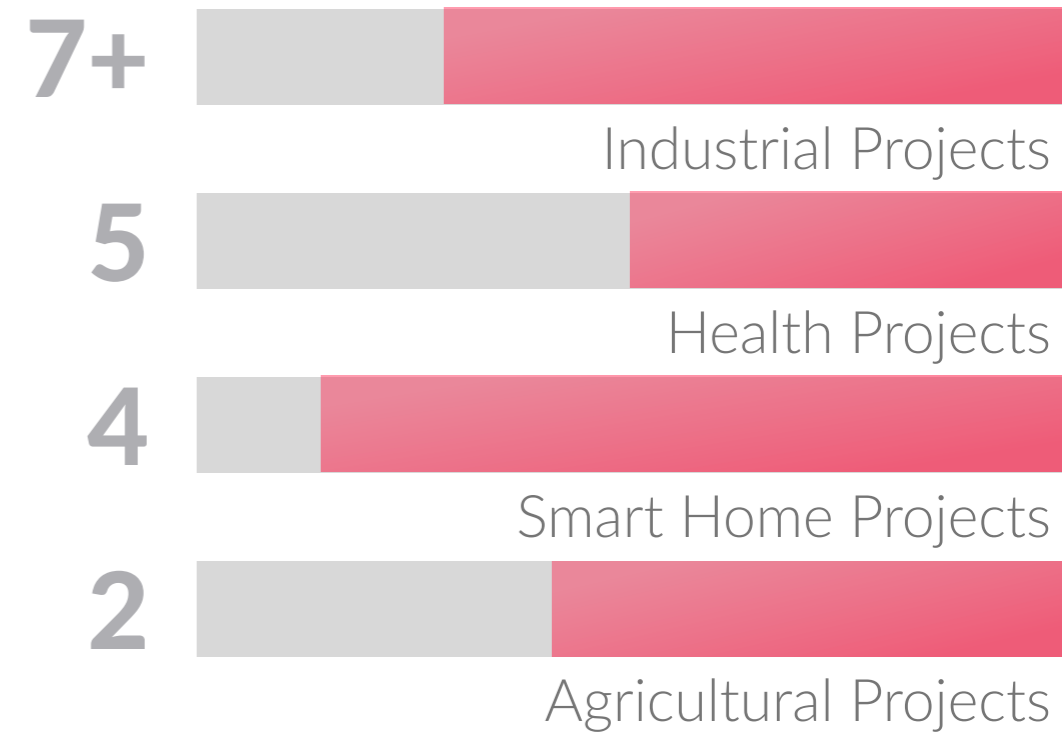
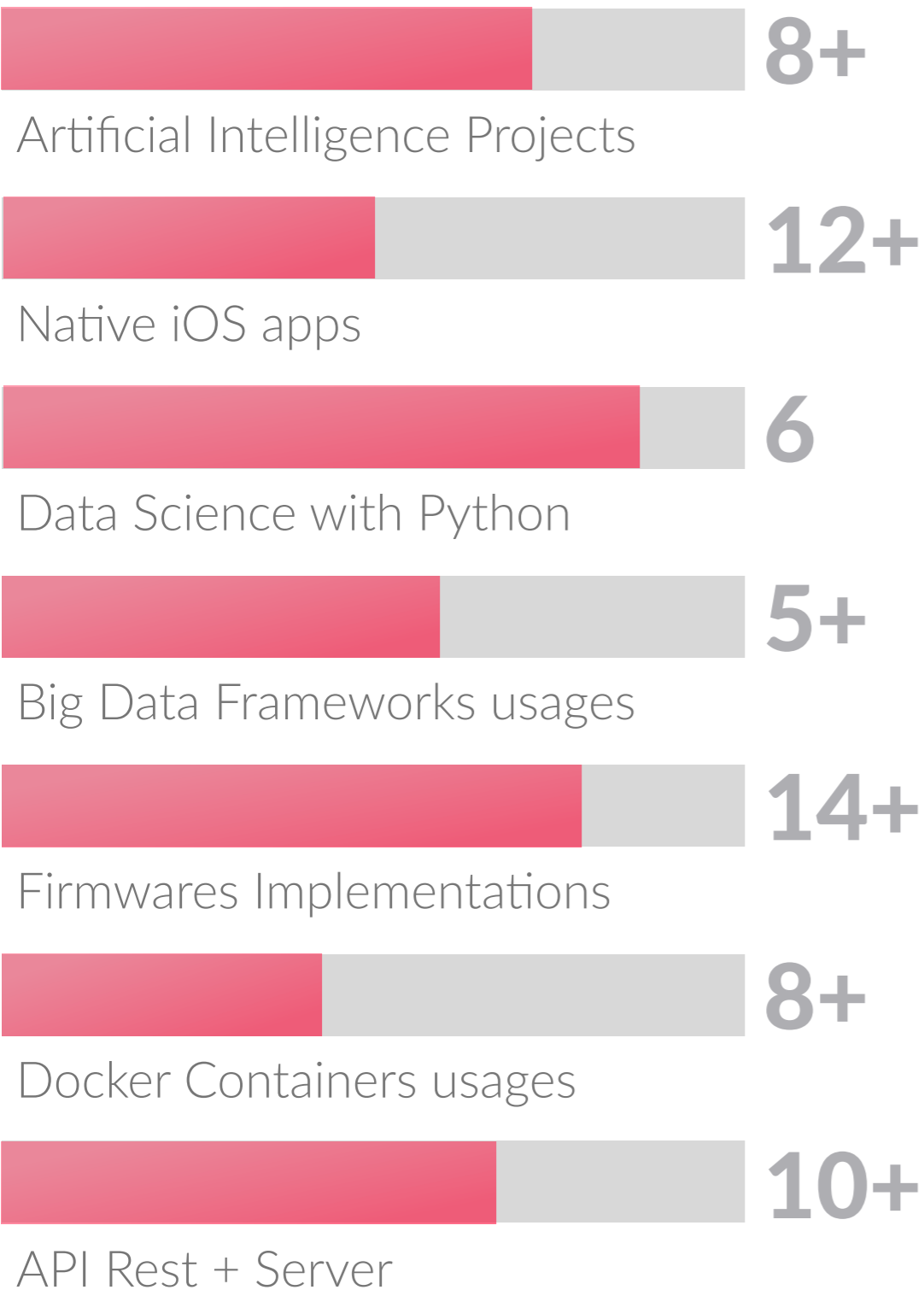
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Ai

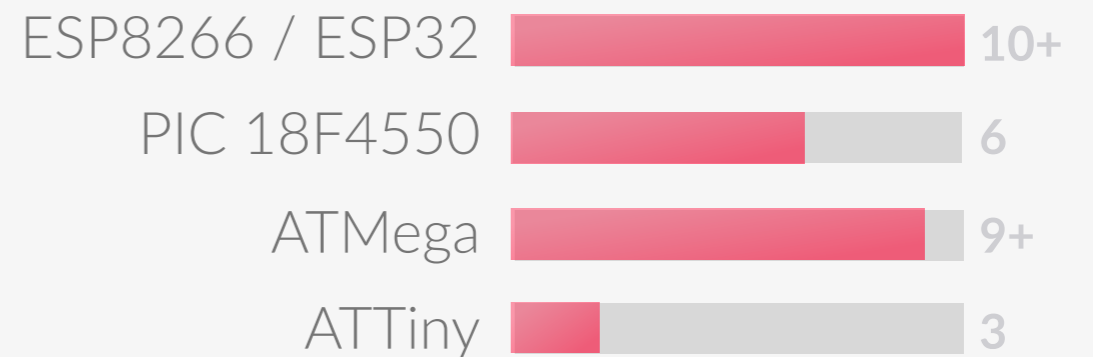
 MATLAB®

{RESTful API}

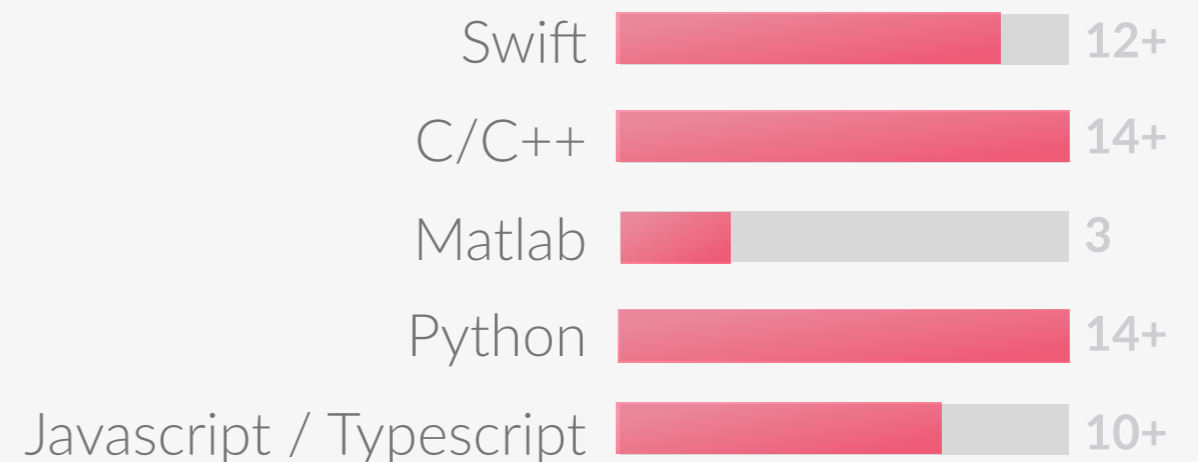
Overview Projects



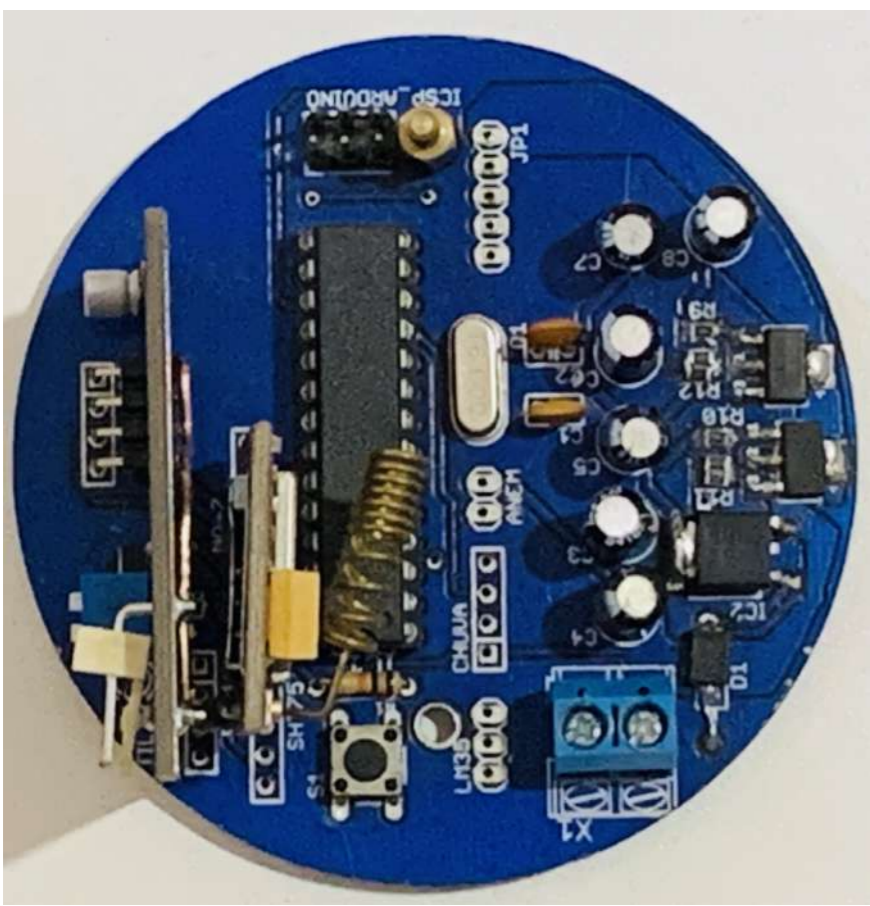
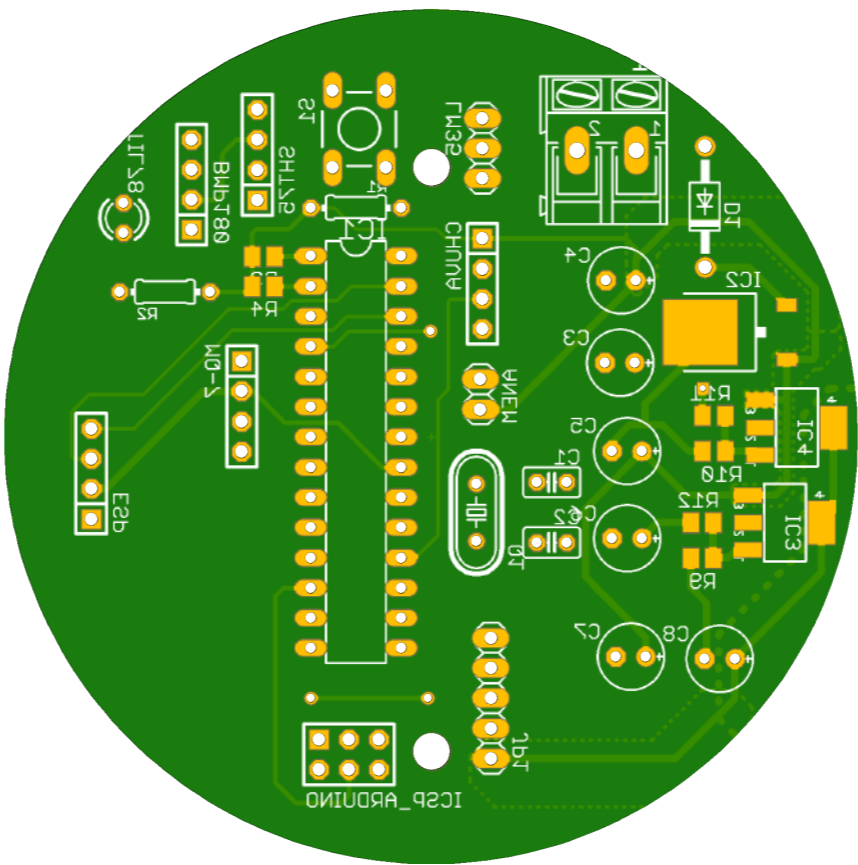
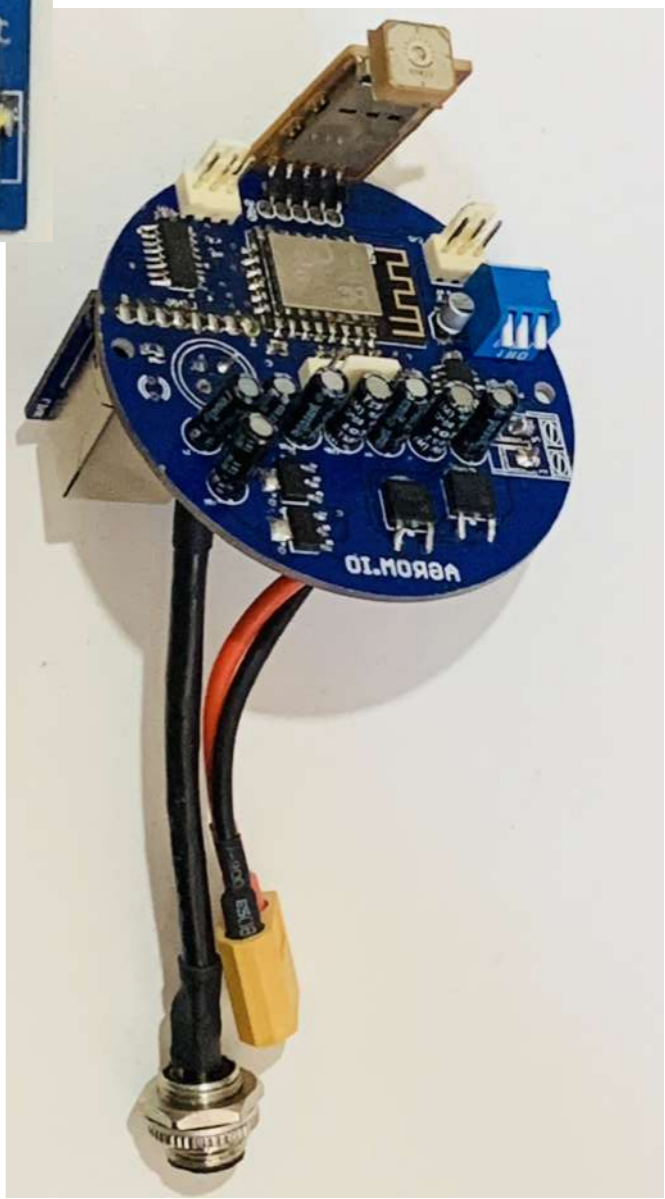
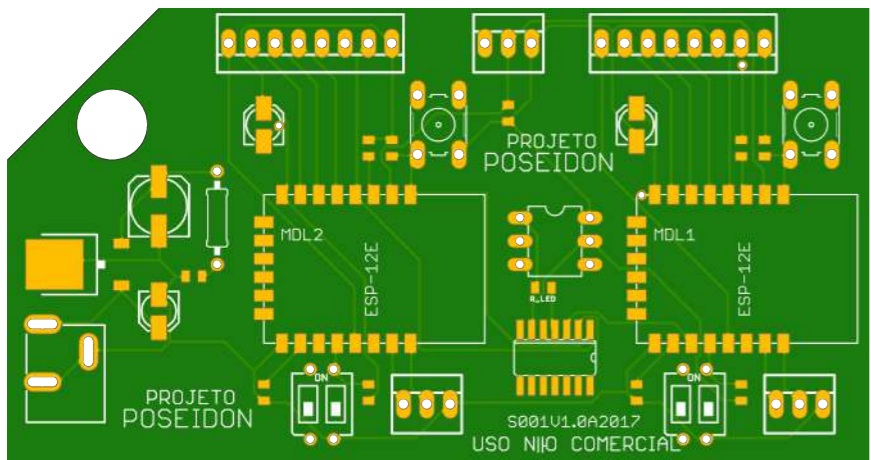
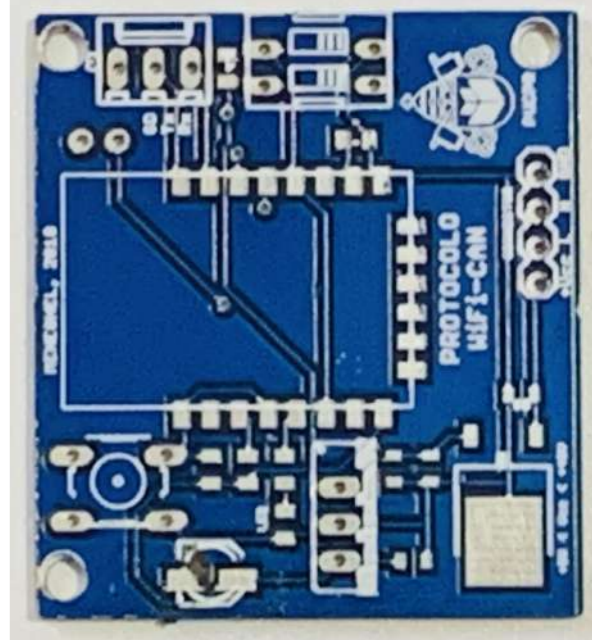
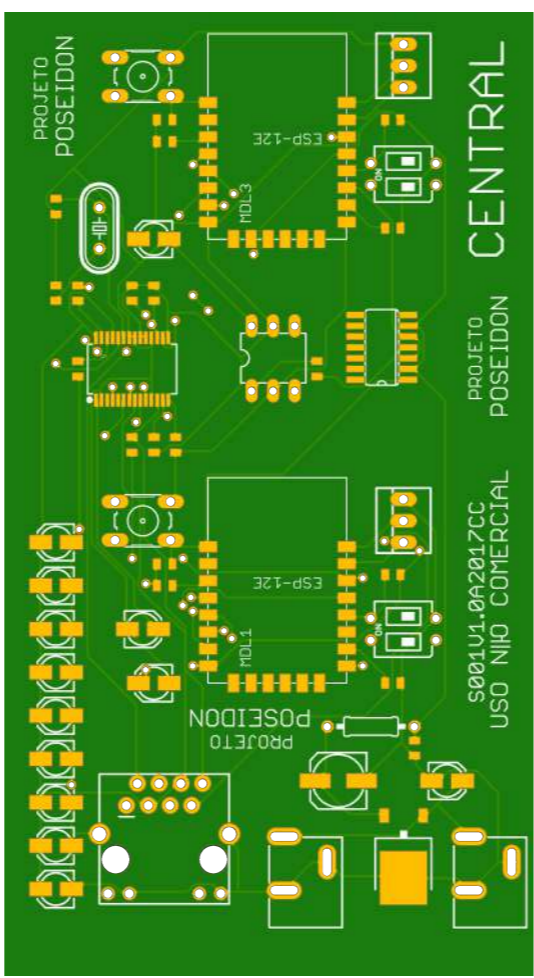
Microcontrollers

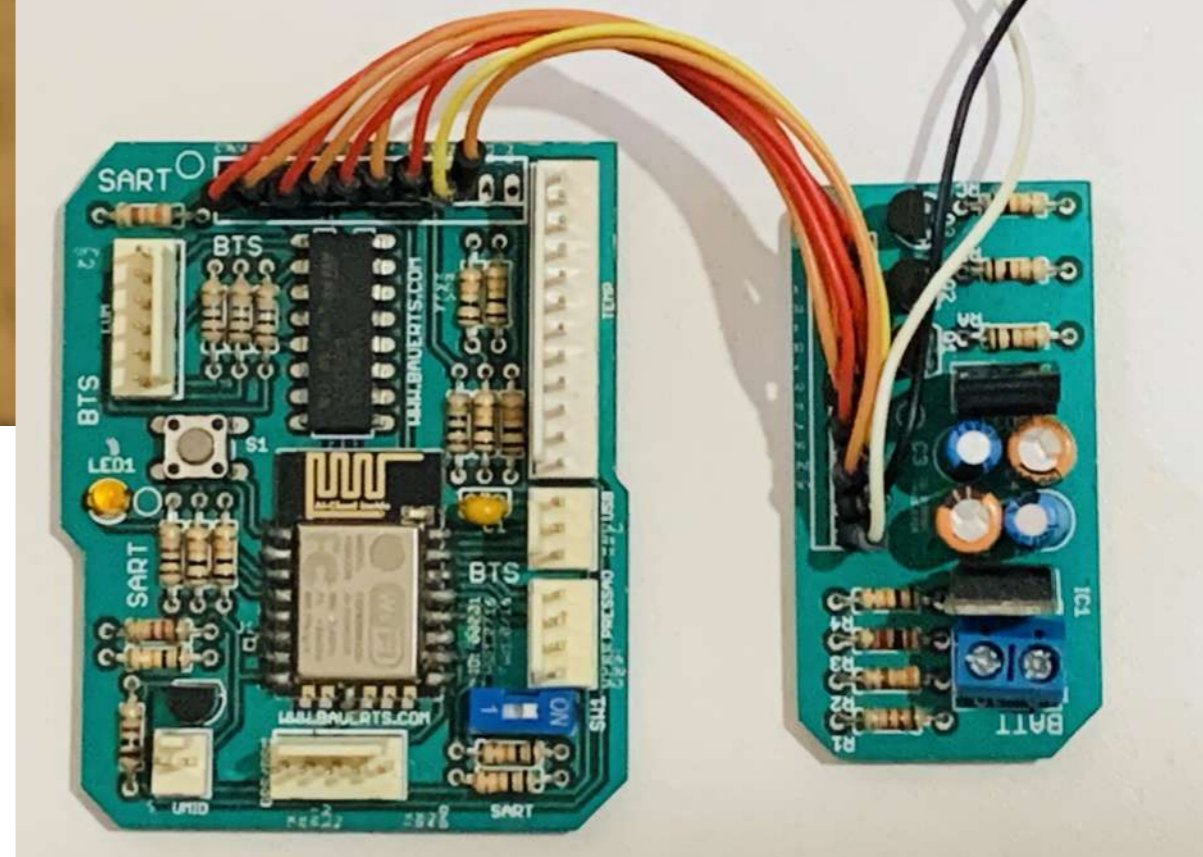
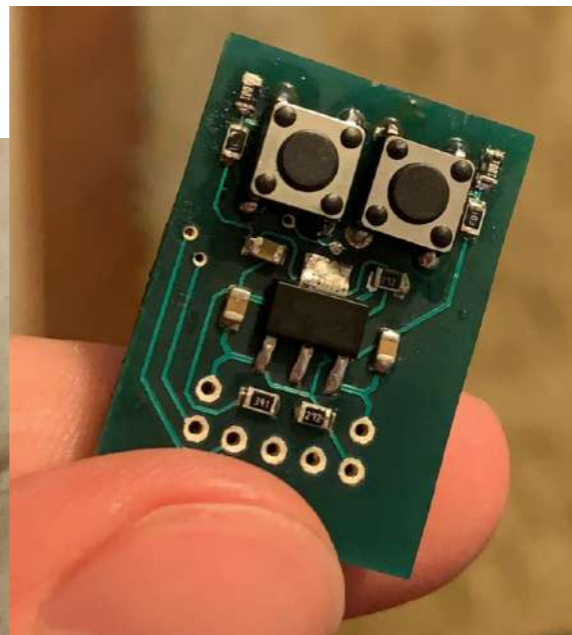
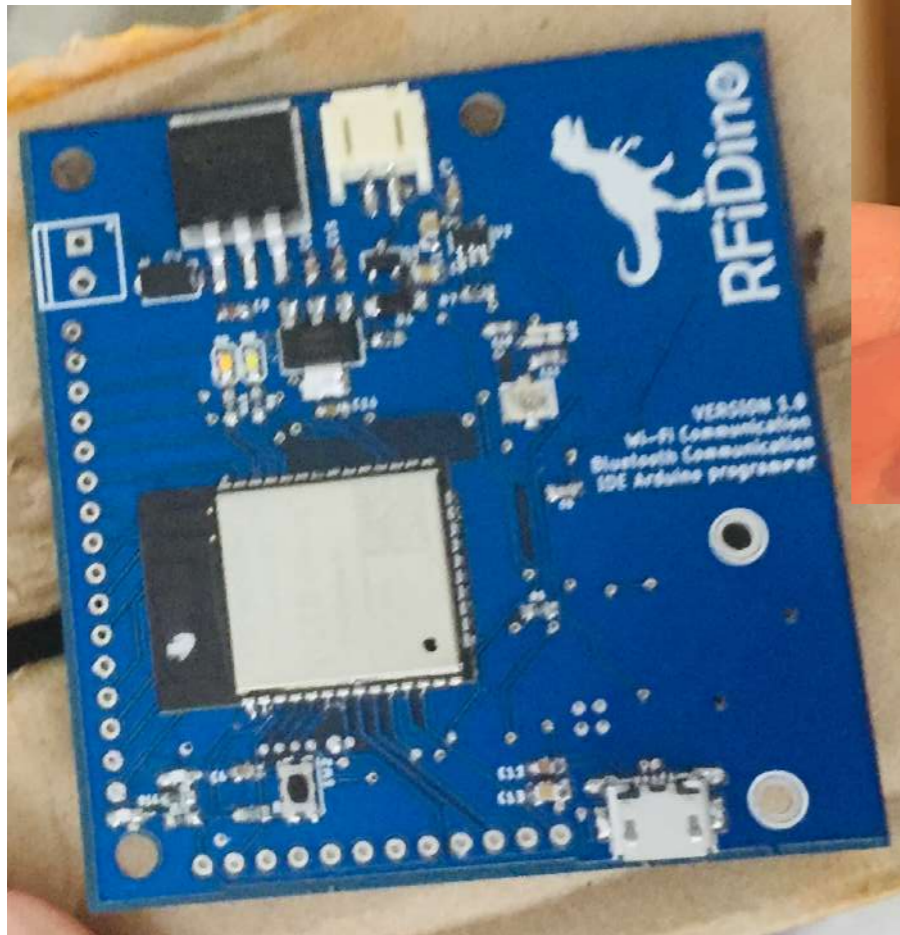
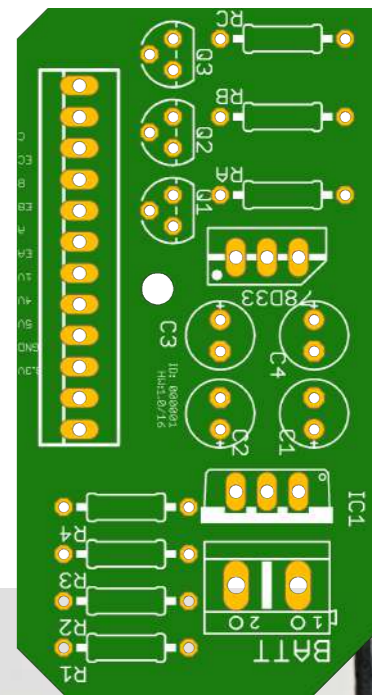
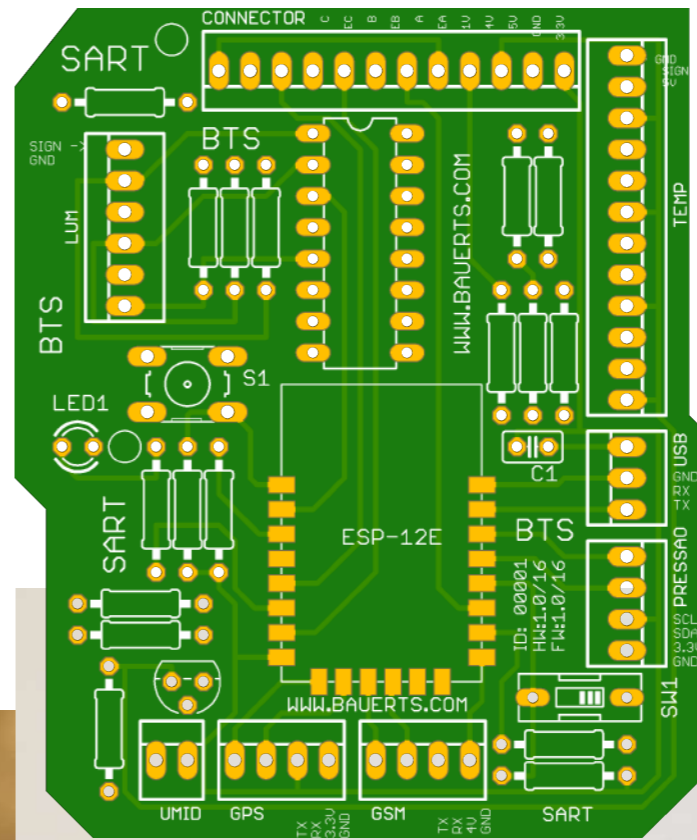
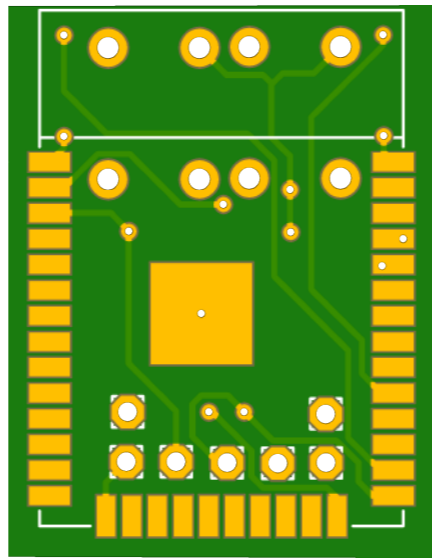
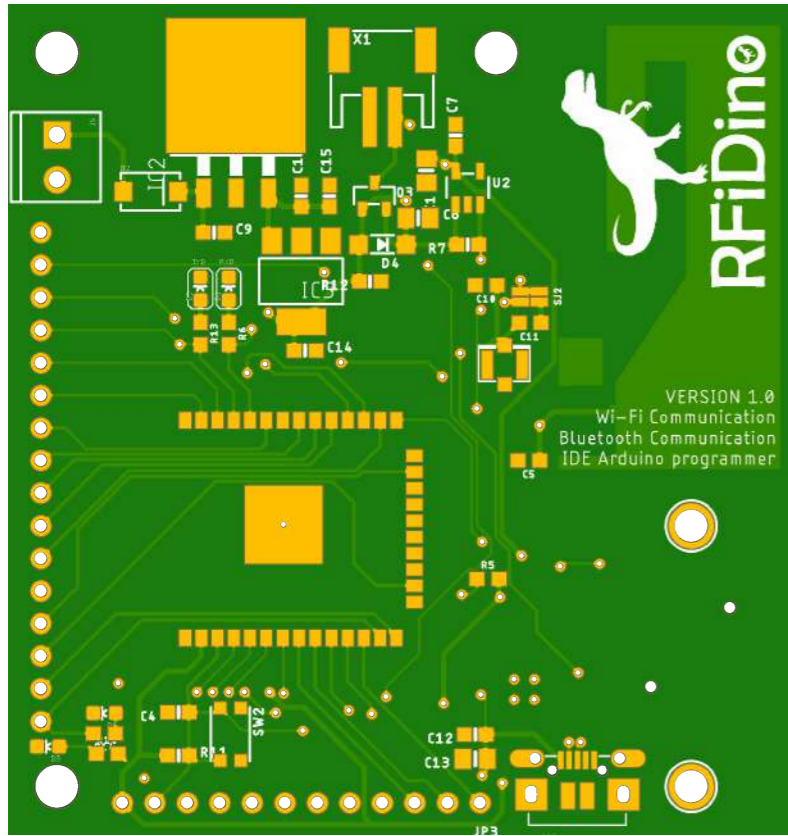


Programmer Languages



Some IoT Devices





Some Projects

Project Soil Analysis in Real Time



Project Wi-Fi Fall Detector Buckle

Indoors Wi-Fi fall Detector Buckle for the Elderly

Maykon Christian Meneghel ; Percy Nohama ; Guilherme Nunes Nogueira Neto

Advanced Materials Proceedings, 2019, Volume 4, Issue 1, Pages 40-45

 10.5185/amp.2019.1450

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References 

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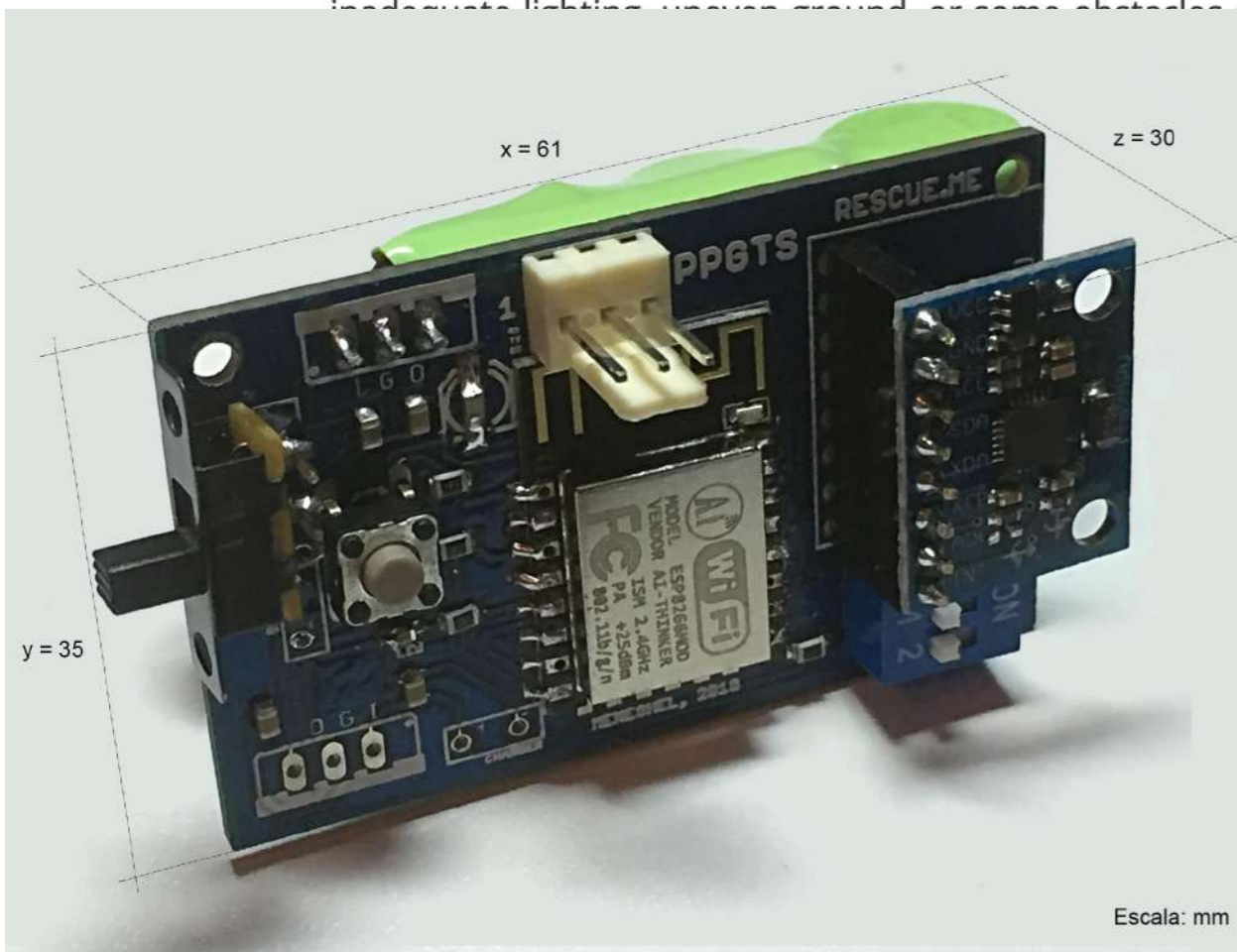
Cite 

Statistics 

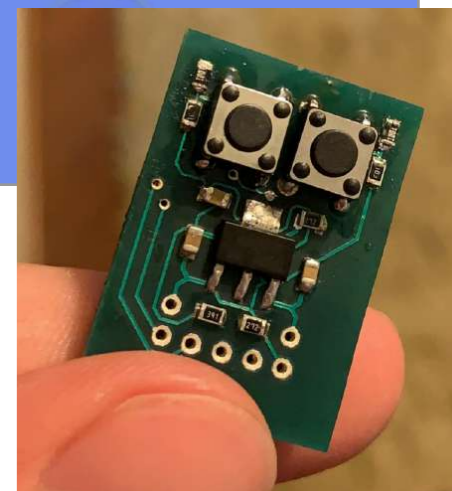
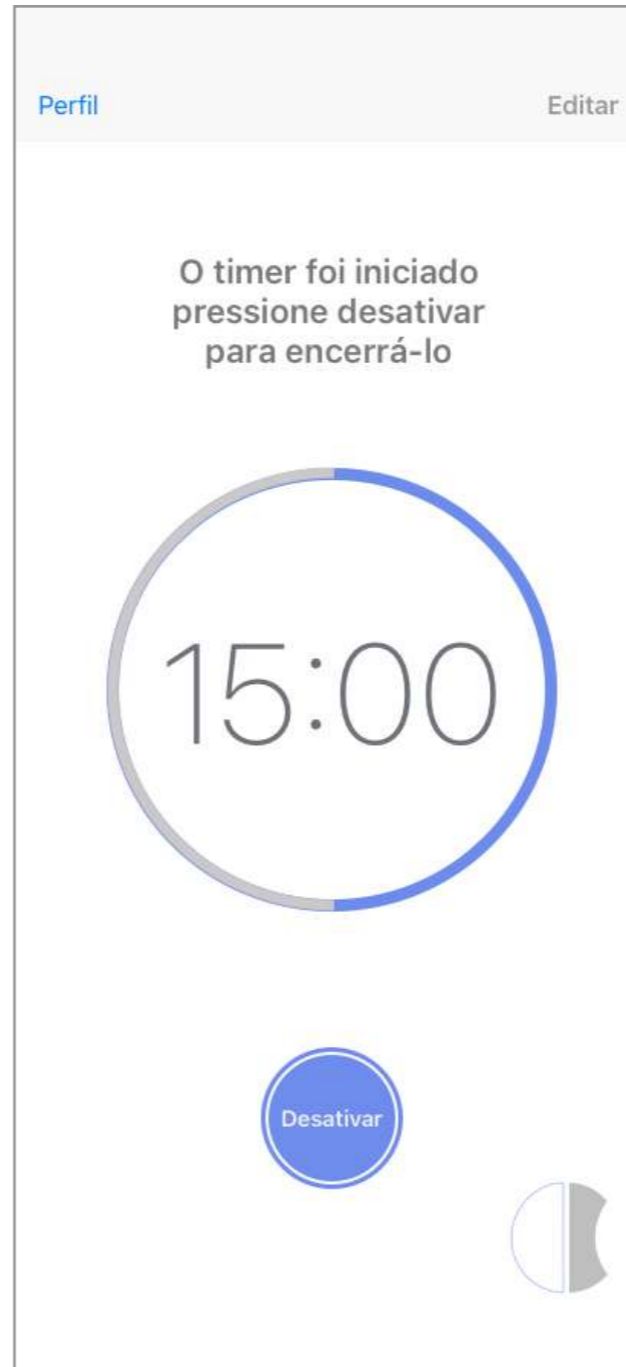
Share 

Abstract

Accidental falls may occur in the elderly, especially older than 65 years. Among the intrinsic factors that corroborate this fatality are the physiological changes resulting from the aging process. Factors such as inadequate lighting, uneven ground, or some obstacles



Project Safeel




Project Associação São Fransisco de Assis

Nós precisamos
de comida, água e um lugar pra morar



Sim, eu quero




Maria Antonia Demarco Rocha Silva
@mariarochasilva

ENDEREÇO
Rua das Flores, 123, Centro

TELEFONE
(44) 9 9999 -9112

Meus Pets



NOME
Bebel

RAÇA
York Shire Terrier

PESO
4,5 Kg

COR
Preto

PORTE
Pequeno

Encontrei

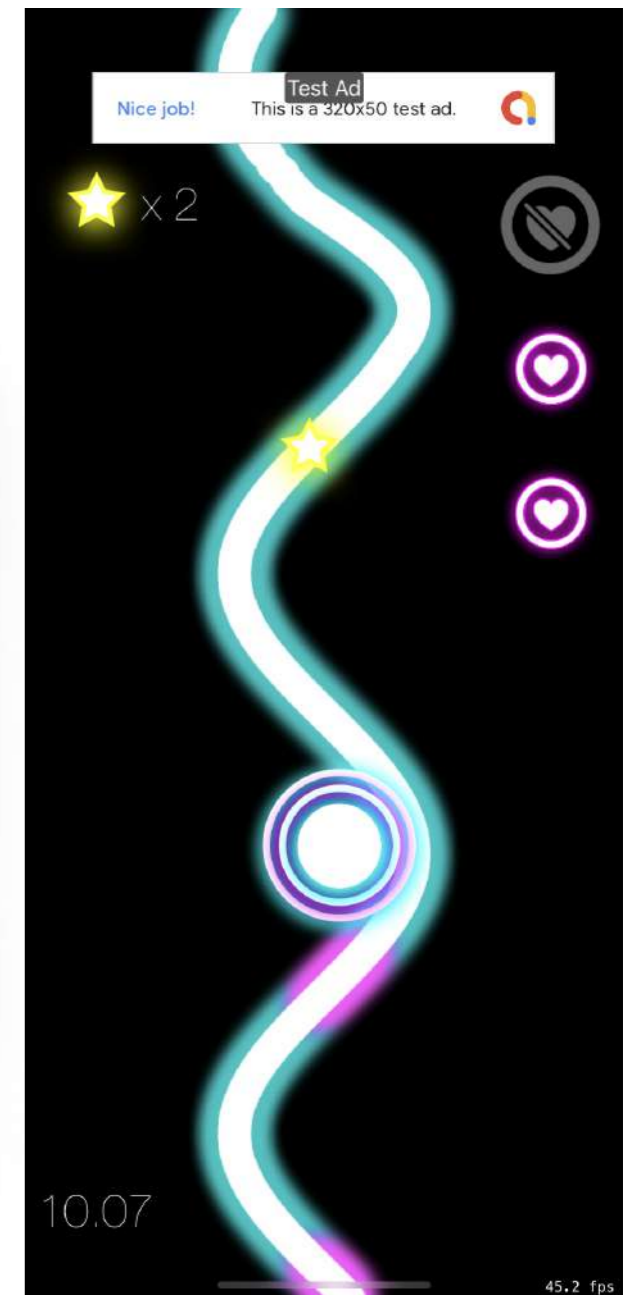
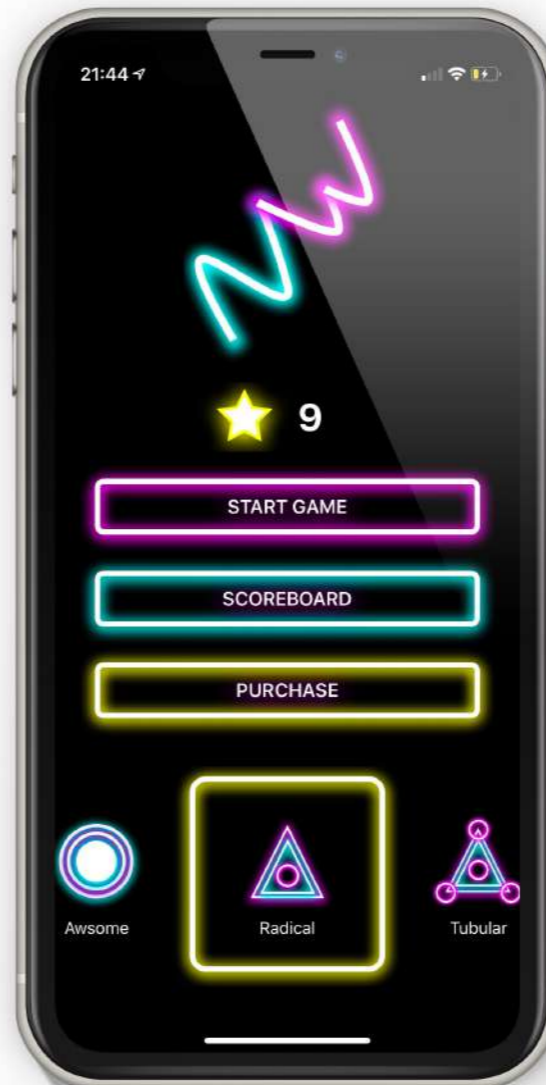
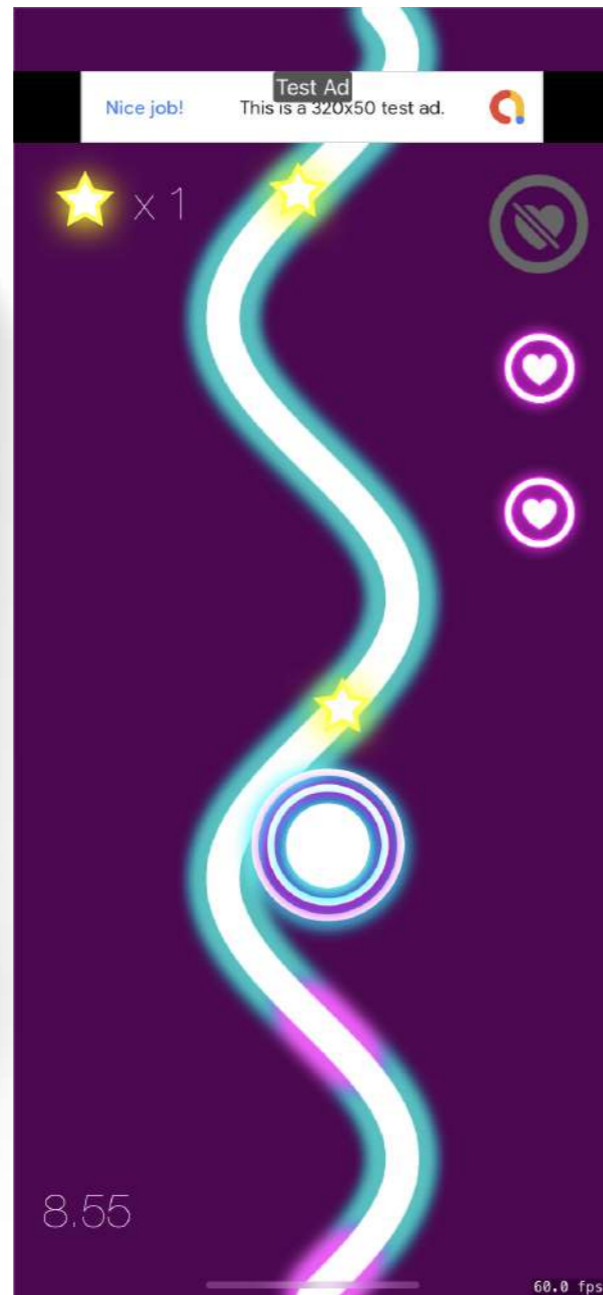
Que tal adotar um **pet ?**

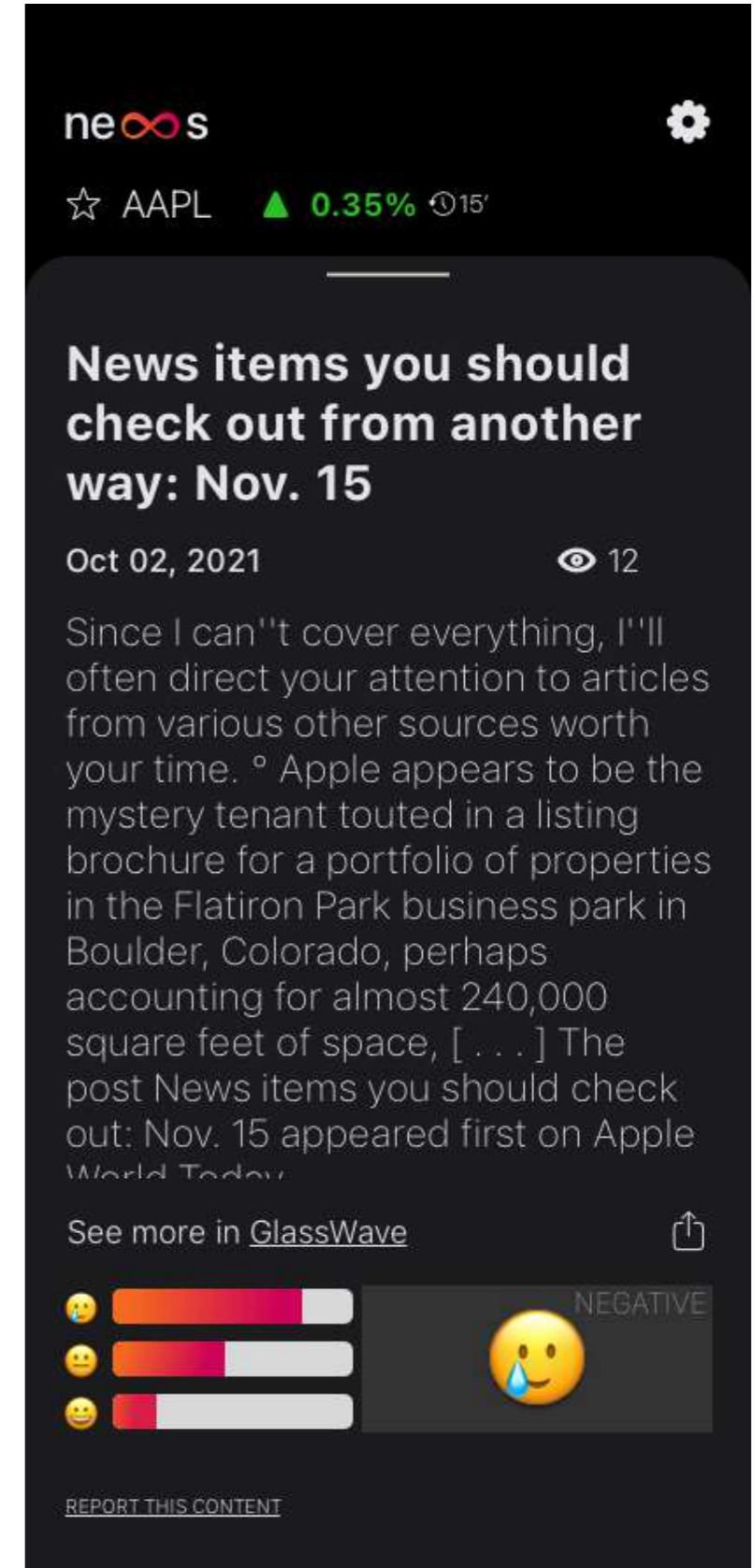
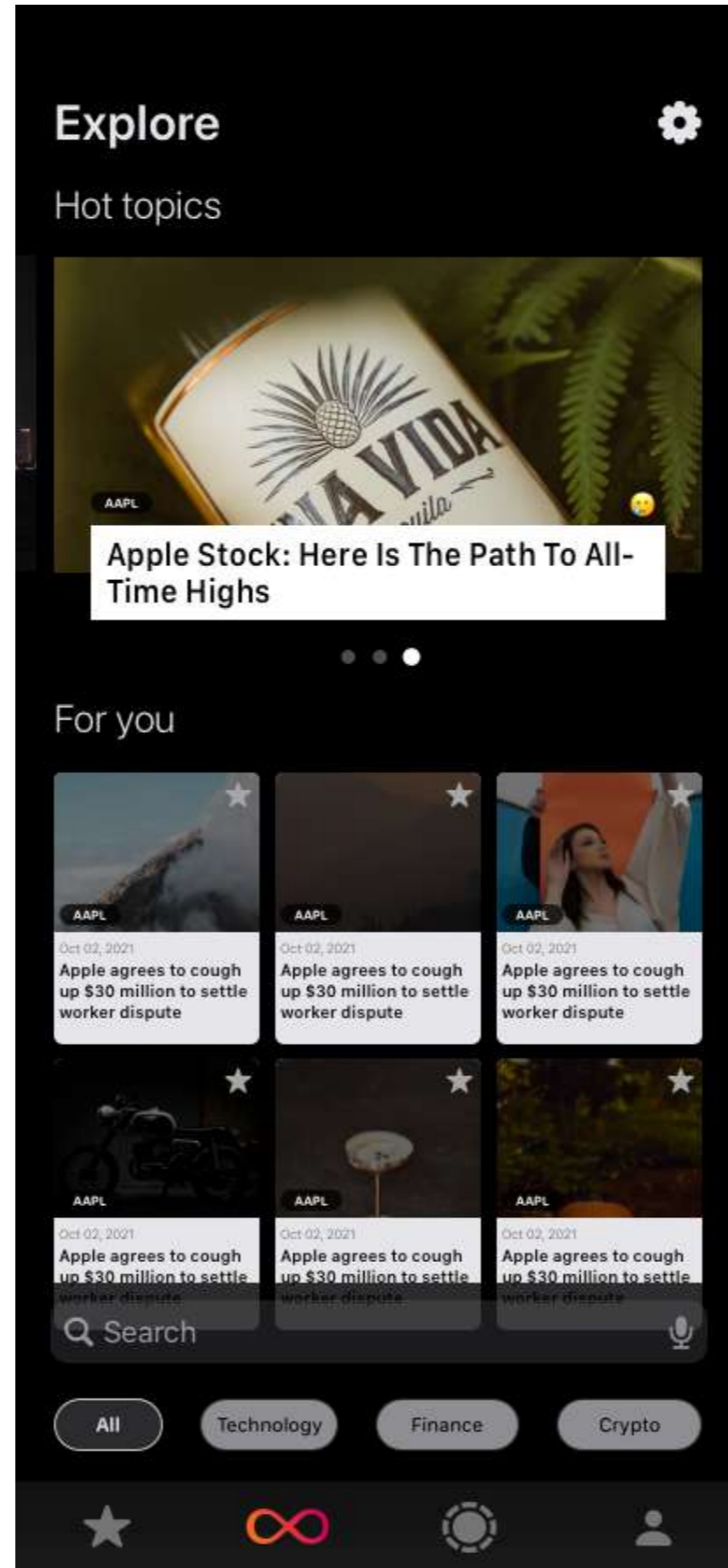
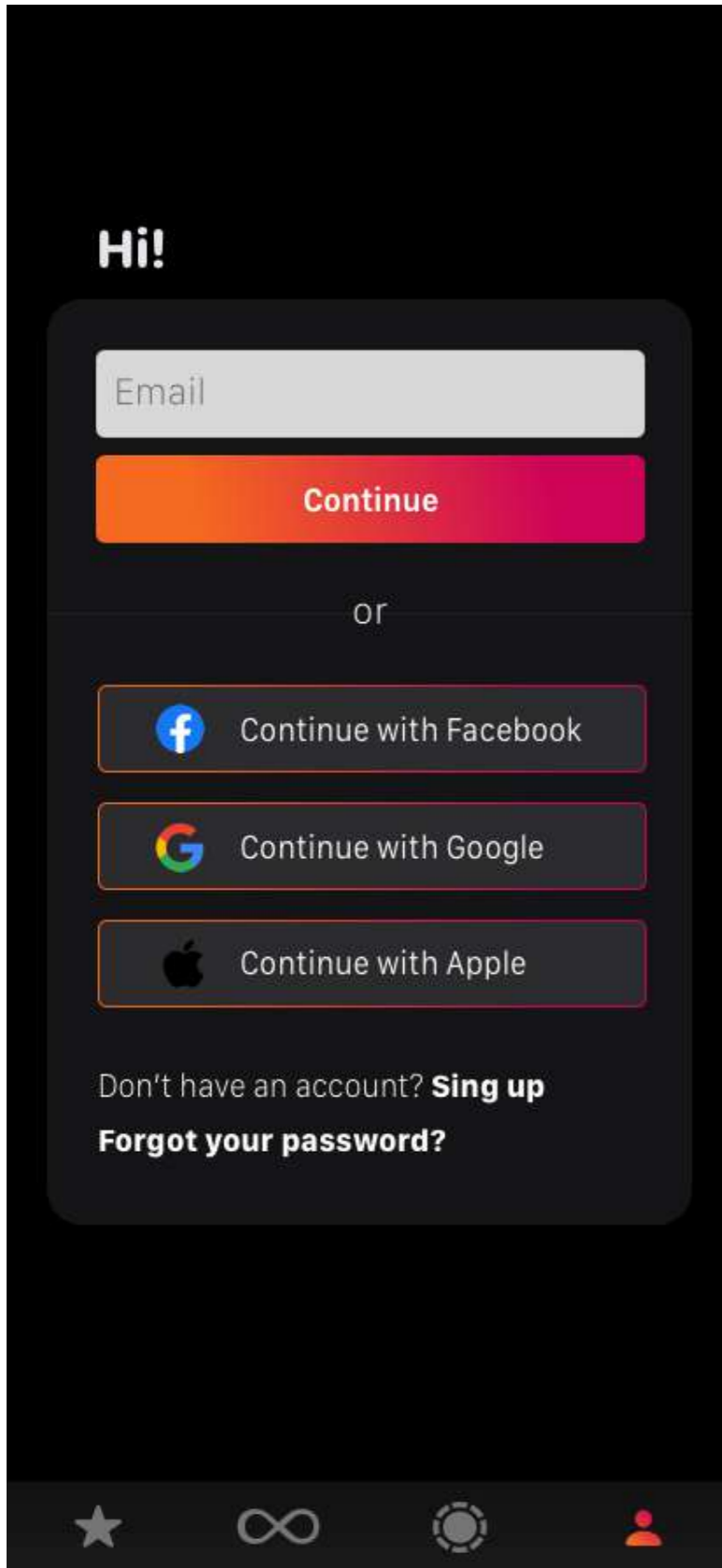


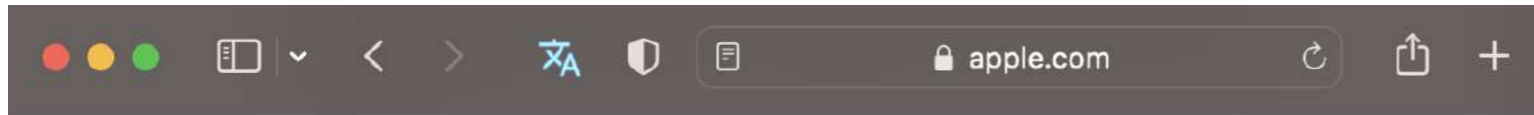
Roger, 3 anos, pesa 24 Kg, brincalhão, super dócil

adoção responsável 

Project Neon Wave







Newsroom

Q Pesquisar no Newsroom Assuntos populares



Os criadores do Hubli (da esquerda para a direita) Mariana Lech, Ailton Vieira e Rodolfo Diniz estão participando do Entrepreneur Camp para empreendedores e desenvolvedores negros para expandir seu app de ensino com base em inteligência artificial para alunos e professores que trabalham online.

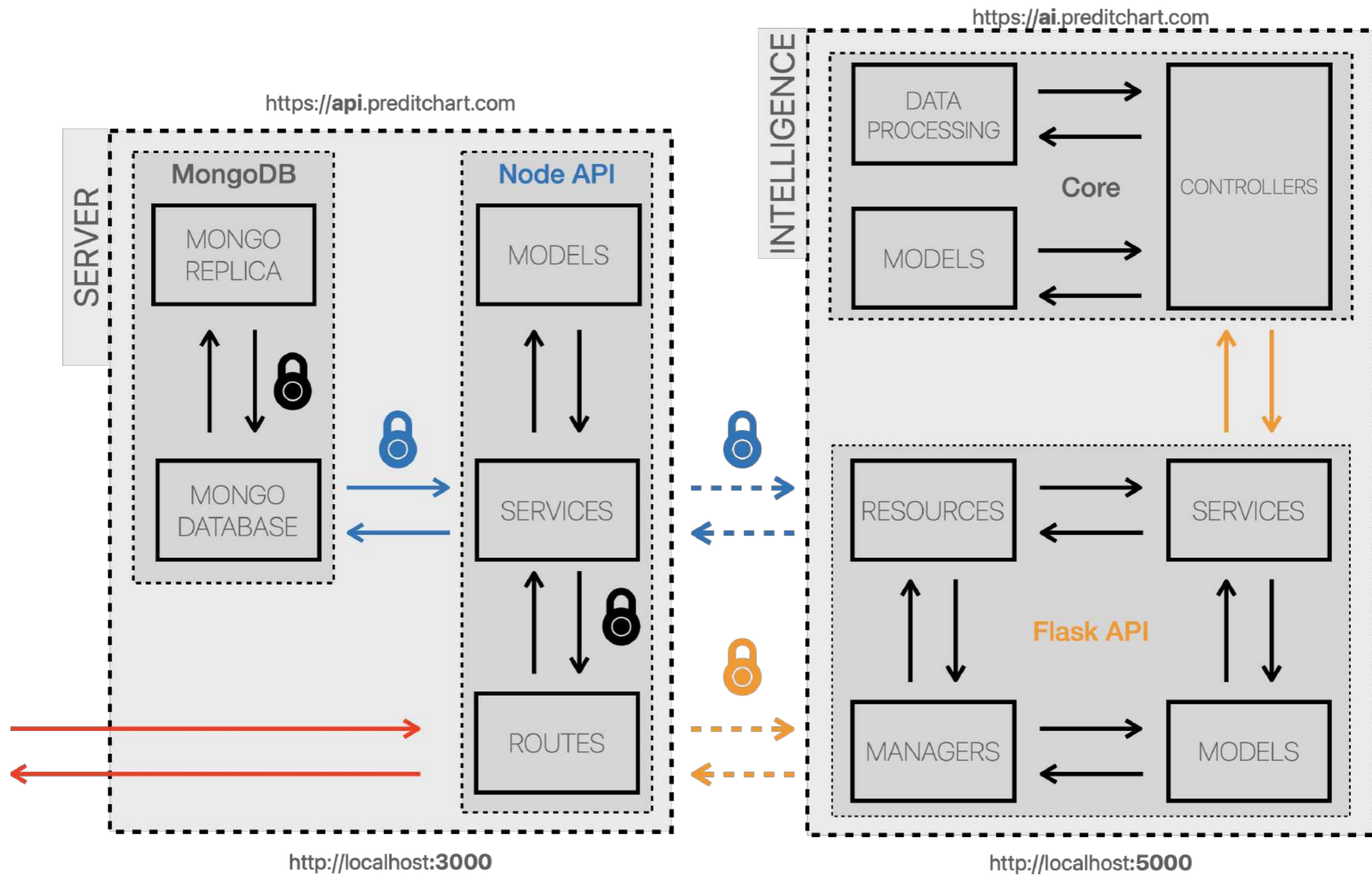
Hubli

O app Hubli é uma solução de aprendizagem remota criada para vencer os desafios causados pela pandemia da COVID-19 com relação ao ensino presencial, desenvolvido pelos cinco alunos da Apple Developer Academy no Brasil: Ailton Vieira, Gabriel Taques, Maykon Meneghel, Mariana Lech e Rodolfo Diniz. Atualmente em fase beta de testes, o app Hubli usa inteligência artificial para enriquecer a experiência de aprendizagem de alunos e professores e tem como objetivo ajudar a tornar a colaboração online mais produtiva.

Centralize content
to **learn** and **teach**



Project StockGAN



Previsão de Séries Financeiras com Redes Generativas Adversárias

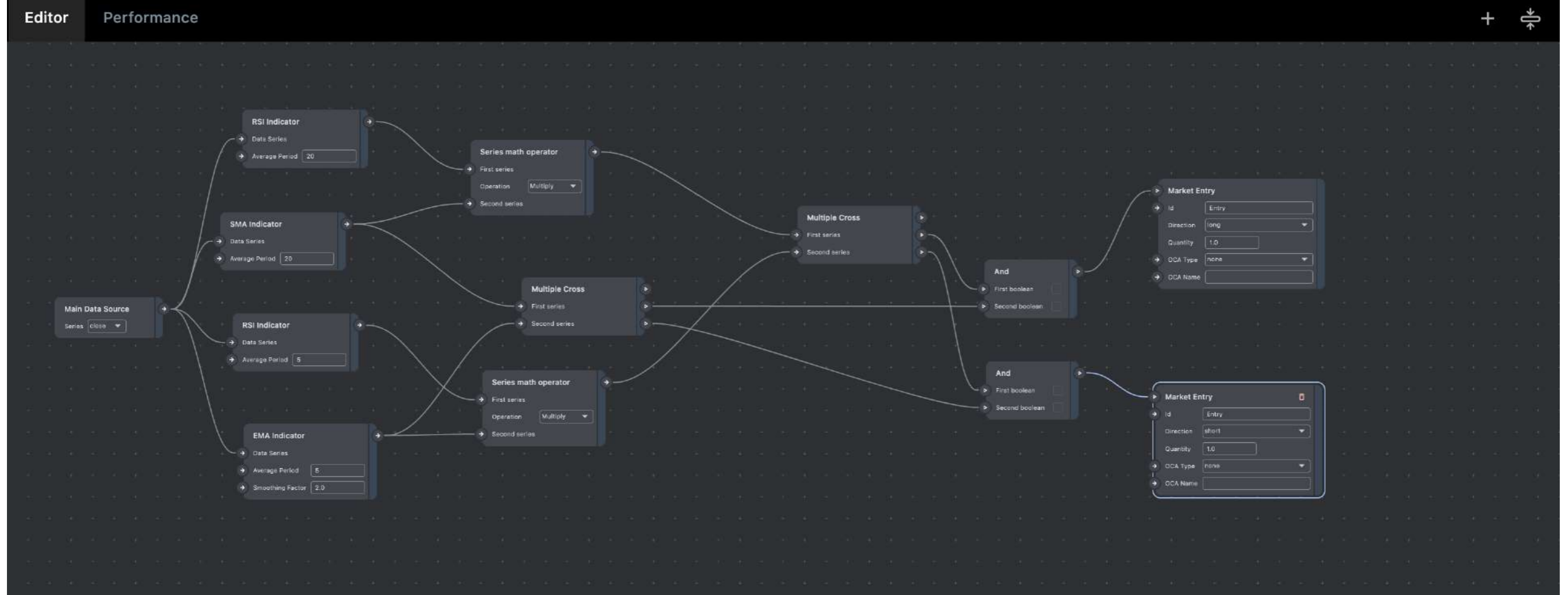
Maykon Meneghel¹, Luiz Veloso¹ e Jean Paul Barddal²

¹Pontifícia Universidade Católica do Paraná, Curso de Especialização em Inteligência Artificial Aplicada da Escola Politécnica

²Pontifícia Universidade Católica do Paraná, Programa de Pós Graduação em Informática da Escola Politécnica

{maykon.meneghel, luiz.veloso}@pucpr.br, jean.barddal@ppgia.pucpr.br

Abstract. *The stock market has a strong interest in the prediction of financial series. It is known that Deep Learning (DL) prediction models present superior performances in comparison with classic time series prediction techniques in different applications. Furthermore, recent studies have demonstrated the superiority of GANs over other DL models. For this study, we have implemented a GAN to predict the next day's close price using daily historical data in conjunction with different technical indicators. We conclude that the GAN model can be used as an excellent stock market price predictor, even at low frequencies, with superior performance compared to the LSTM, GRU, ARIMA, and trend follow models.*



Programmer Journey

Programming Experiences

**Apple
Developers
Academy**

**Instituto
de Pesquisas
Eldorado**

Mentee

Mentor

Resident

Junior
Developer

Mentor
Developer

Full
Developer

Senior
Developer

2019

2020

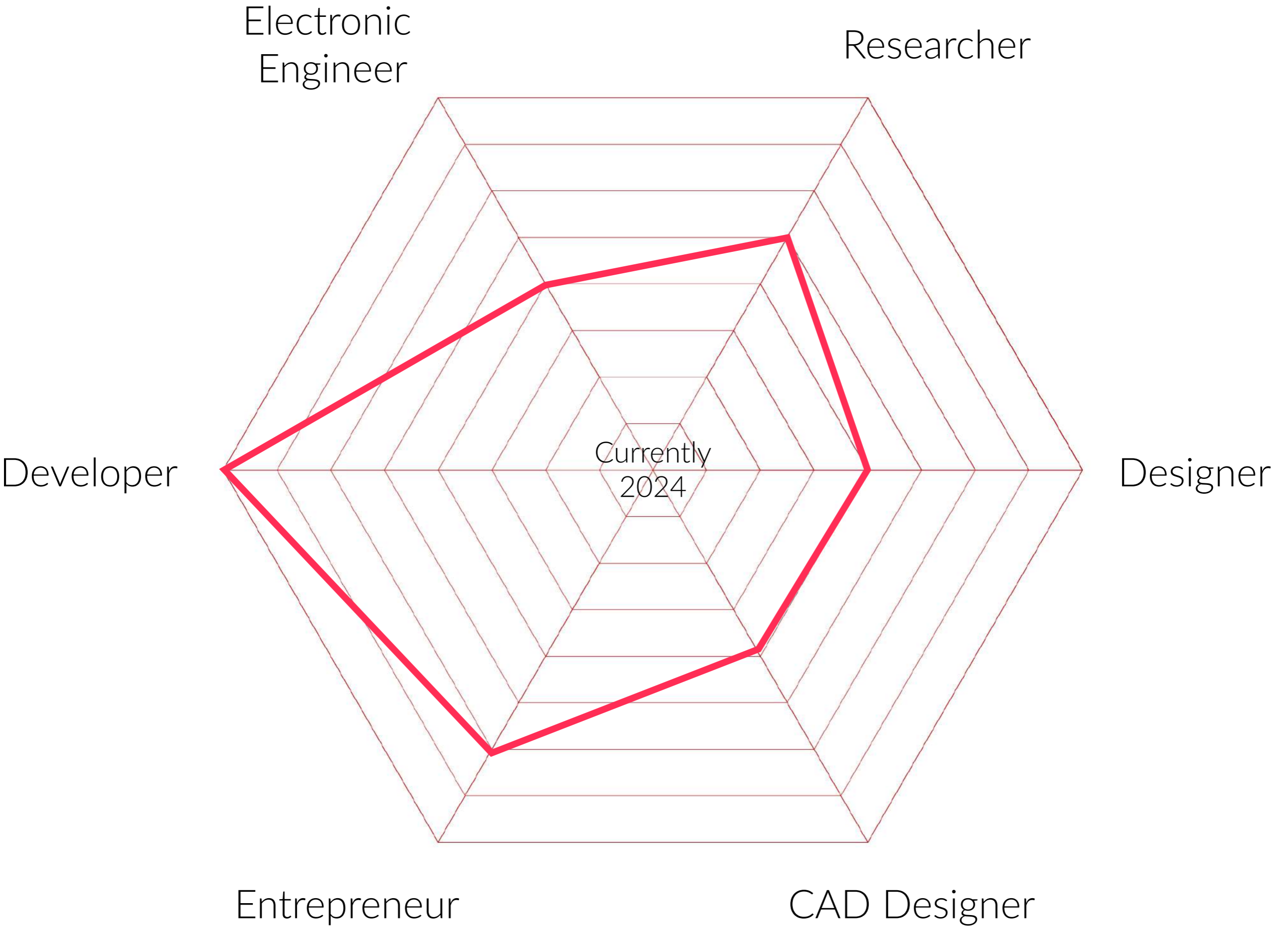
2021

2022

2023

2024





**THANK
YOU**

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