Rodrigo Franzoi Scroferneker

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Education

UFRGS(Universidade Federal do Rio Grande do Sul)　　　　*Porto Alegre, Brazil*
B.S. Computer Engineering　　　　*Feb. 2015 - PRESENT*

TU Kaiserslautern(Technical University of Kaiserslautern)　　　　*Kaiserslautern, Germany*
B.S. in Computer Science　　　　*Mar. 2020 - Feb. 2021*

PUCRS(Pontifícia Universidade Católica do Rio Grande do Sul)　　　　*Porto Alegre, Brazil*
B.S. Computer Engineering　　　　*Mar. 2014 - Dec. 2014*

Skills

Portuguese	native
English	advanced
German	begginer
Swift	iOS, tvOS, watchOS
R	scripts, data analysis, graphs
Java	android
C#	xamarin-forms
Python	scripts

Work Experience

Fraunhofer IESE　　　　*Kaiserslautern, Germany*
Mobile Software Engineer　　　　*Mar. 2020 - Feb. 2021*
- Client-side development in C# using Xamarin-Forms.
- Quality Assurance.

GPPS UFRGS　　　　*Porto Alegre, Brazil*
Undergraduate Researcher　　　　*Oct. 2018 - Feb. 2020*
- Acting as a mobile developer in a multidisciplinary research group.
- Swift, Google Analytics, Firebase tools.

Apple Developer Academy PUCRS　　　　*Porto Alegre, Brazil*
iOS Developer　　　　*Feb. 2015 - Dec. 2016*
- Development of iOS, tvOS and watchOS apps in Swift/Objective-C.
- Challenge-Based Learning.
- Project management with Scrum and Agile.
- Unit Testing.

Honors & Awards

Jun. 2019 **Winner**, A. Richard Newton Young Student Fellow Program　　　　*Las Vegas, U.S.A*
Oct. 2016 **Winner**, UFRGS App Challenge　　　　*Porto Alegre, Brazil*

Works

Papers

Logical and Physical Synthesis of a HF-RISCV Core for X-Fab 180nm Technology
Revista Jr de Iniciação Científica em Ciências Exatas e Engenharia (ICCEEg)　　　　*2019*

Synthesizing HF-RISCV Core for X-Fab 180nm

34TH SOUTH SYMPOSIUM ON MICROELECTRONICS (SIM'19)

Pelotas, Brazil

2019

MOBILE APPS

DorfFunk

DorfFunk is the communication center for rural regions. Citizens can offer their help, submit requests or simply chat casually with one another.

Google Play & App Store

2020

+Adesão!

An application designed to improve the engagement to the antiretroviral therapy for people with HIV+ or AIDS.

Research Use

2019

Loterias Brasil

Mobile app for Brazil's most popular lottery. More than 140k downloads on AppStore.

App Store

2016

Tabela TACO

Mobile version of a broadly studied Brazilian nutritional table used as the standard for food's nutrient composition.

Google Play & App Store

2017

Interests

Data Analysis	Human-Computer Interaction, A/B testing, Literate Programming, Machine Learning, Health-Technology, UI/UX
Gamming	Settlers of Catan, League of Legends
Outdoors	Running, Cycling, Trekking/Camping