

# Scroferneker Franzoi **Rodrigo**

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## Education

### UFRGS(Universidade Federal do Rio Grande do Sul)

B.S. COMPUTER ENGINEERING

Porto Alegre, Brazil

Feb. 2015 - PRESENT

### TU Kaiserslautern(Technical University of Kaiserslautern)

B.S. IN COMPUTER SCIENCE

Kaiserslautern, Germany

Mar. 2020 - Feb. 2021

### PUCRS(Pontifícia Universidade Católica do Rio Grande do Sul)

B.S. COMPUTER ENGINEERING

Porto Alegre, Brazil

Mar. 2014 - Dec. 2014

## Skills

<b>Portuguese</b>	native
<b>English</b>	advanced
<b>German</b>	beginner
<b>Swift</b>	iOS, tvOS, watchOS
<b>R</b>	scripts, data analysis, graphs
<b>Java</b>	android
<b>C#</b>	xamarin-forms
<b>Python</b>	scripts

## Work Experience

### Fraunhofer IESE

MOBILE SOFTWARE ENGINEER

- Client-side development in C# using Xamarin-Forms.
- Quality Assurance.

Kaiserslautern, Germany

Mar. 2020 - Feb. 2021

### GPSS UFRGS

UNDERGRADUATE RESEARCHER

- Acting as a mobile developer in a multidisciplinary research group.
- Swift, Google Analytics, Firebase tools.

Porto Alegre, Brazil

Oct. 2018 - Feb. 2020

### Apple Developer Academy PUCRS

IOS DEVELOPER

- Development of iOS, tvOS and watchOS apps in Swift/Objective-C.
- Challenge-Based Learning.
- Project management with Scrum and Agile.
- Unit Testing.

Porto Alegre, Brazil

Feb. 2015 - Dec. 2016

## 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

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### 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