

Arthur Giesel Vedana

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Education

UFRGS - Universidade Federal do Rio Grande do Sul

Porto Alegre, Brasil

B.S. IN COMPUTER SCIENCE

2014 - PRESENT

- 1st place in entrance exams.

EXTENSION COURSES

Hilbert-Bernays Summer School on Logic and Computation

Göttingen, Germany

GEORG-AUGUST-UNIVERSITÄT

July 2018

Areas of Interest

Language Design

Type Systems

Formal Semantics

Functional Programming Languages

Skills

Portuguese native

English fluent

Swift iOS

Java JavaFX, Swing, AWT

Python scripts

Others \LaTeX , Haskell, C++, SQL

Published Works

PAPERS

V: a language with extensible record accessors and a trait-based type system

WEIT Annals, page 294

WORKSHOP-SCHOOL OF THEORETICAL COMPUTER SCIENCE (WEIT)

2017

IOS APPS

Breather

App Store

AN APP WITH A JOURNAL AND BREATHING EXERCISE TO HELP DEAL WITH ANXIETY OR PANIC ATTACKS.

2018

Business Canvas TV

App Store

MULTI-USER IOS AND TVOS APP TO CREATE BUSINESS MODEL CANVASES.

2017

Rhythm'Em Up

App Store

A BEAT'EM UP RHYTHM GAME IN THE STYLE OF 80'S ZOMBIES.

2017

Fora Memer

App Store

A GAME WHERE YOU PLAY BRAZIL'S UNPOPULAR PRESIDENT, TEMER, TRYING TO ESCAPE FROM RIOTS.

2017

EduFin

App Store

EDUCATIONAL APP TO TEACH BASIC AND COMPOUND INTEREST.

2017

OPEN SOURCE PROJECTS

V Language

V PROGRAMMING LANGUAGE - DEFINITION AND INTERPRETER.

[GitHub](#)

2016

Galaxy Simulator

BH TREE-BASED N-BODY SIMULATOR IN JAVA WITH A SPACE THEME.

[GitHub](#)

2016

Clique and Independent Set Calculator

VISUAL APPLICATION FOR FINDING CLIQUES AND INDEPENDENT SETS IN ARBITRARY GRAPHS

[GitHub](#)

2014

Experience

Apple Developer Academy PUCRS

IOS DEVELOPMENT

Porto Alegre, Brasil

2017 - Present

RNP's Grupo de Trabalho Multipresença

FRONT-END AND BACK-END DEVELOPER

Porto Alegre, Brasil

2016

- Web development in Rails and Node.js.
- Client-side development in C++ and Qt.

Software Educacional Livre para Dispositivos Móveis

UNDERGRADATE RESEARCH

Porto Alegre, Brasil

2016

- Translation of open-source software from English to Portuguese.

Honors & Awards

2018 **Winner**, Apple's WWDC Scholarship

San Jose, USA

2017 **2nd Place**, WEIT Conference Best Articles

Santa Maria, Brasil

2017 **2nd Place**, Regional Branch of Programming Contest

S. Leopoldo, Brasil