

Arthur Giesel Vedana

Rua Artur Rocha, 800/apt. 201, Auxiliadora
Porto Alegre, 90450-170, RS, Brasil

☎ +55 (51) 99403-3641 | ✉ agieselledana@gmail.com | 🏠 arthurvedana.com | 🎮 AvatarHurden | 📺 [arthurvedana](https://www.youtube.com/channel/UCv33333333333333333333)

Education

UFRGS - Universidade Federal do Rio Grande do Sul

Porto Alegre, Brasil

B.S. IN COMPUTER SCIENCE

Jan. 2014 - PRESENT

- 1st place in entrance exams.

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, tvOS, watchOS

Java JavaFX, Swing, AWT

C# WPF

Python scripts, machine learning

Others F#, Haskell, C++/C, SQL

Published Works

PAPERS

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

WEIT Annals, page 294-301

WORKSHOP-SCHOOL OF THEORETICAL COMPUTER SCIENCE (WEIT)

2017

IOS APPS

Breather

App Store

AN IOS/WATCHOS APP WITH JOURNALING AND A BREATHING EXERCISE TO HELP 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

Jan. 2017 - Present

RNP's Grupo de Trabalho Multipresença

FRONT-END, BACK-END AND CLIENT-SIDE DEVELOPER

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

Porto Alegre, Brasil

Sept. - Oct. 2016

Software Educacional Livre para Dispositivos Móveis

UNDERGRADUATE RESEARCH

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

Porto Alegre, Brasil

Aug. 2016

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