

Arthur Giesel Vedana

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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

Skills

Portuguese native

English fluent

Swift iOS, tvOS, watchOS

Java JavaFX, Swing, AWT

C# WPF

Python scripts, machine learning

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

Experience

Apple Developer Academy PUCRS

Porto Alegre, Brasil

iOS DEVELOPER

Jan. 2017 - Present

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

RNP's Grupo de Trabalho Multipresença

Porto Alegre, Brasil

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

Sept. - Oct. 2016

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

Software Educacional Livre para Dispositivos Móveis

Porto Alegre, Brasil

UNDERGRADUATE RESEARCH

Aug. 2016

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

Works

OPEN SOURCE PROJECTS

V Language

[GitHub](#)

V PROGRAMMING LANGUAGE - DEFINITION AND INTERPRETER.

2016

Galaxy Simulator

[GitHub](#)

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

2016

Clique and Independent Set Calculator

[GitHub](#)

VISUAL APPLICATION FOR FINDING CLIQUES AND INDEPENDENT SETS IN ARBITRARY GRAPHS

2014

PAPERS

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

2018

[RITA Vol 25, No 3 - pp. 89-101](#)

- Reduced version published in [WEIT 2017 Annals](#) - pp. 294-301.

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

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

Interests

Language Design Type Systems, Functional Languages

Baking Sourdough breads

Outdoors Running, Cycling, Trekking/Camping