

# Arthur Giesel Vedana

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## Education

### UFRGS - Universidade Federal do Rio Grande do Sul

B.S. IN COMPUTER SCIENCE

- 1<sup>st</sup> place in entrance exams.

Porto Alegre, Brasil

Jan. 2014 - PRESENT

### Hilbert-Bernays Summer School on Logic and Computation

GEORG-AUGUST-UNIVERSITÄT

Göttingen, Germany

July 2018

## Skills

<b>Portuguese</b>	native
<b>English</b>	fluent
<b>Swift</b>	iOS, tvOS, watchOS
<b>Java</b>	JavaFX, Swing, AWT
<b>C#</b>	WPF
<b>Python</b>	scripts, machine learning
<b>Others</b>	F#, $\LaTeX$ , Haskell, C++/C, SQL

## Experience

### 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.

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

## Works

### OPEN SOURCE PROJECTS

#### V Language

V PROGRAMMING LANGUAGE - DEFINITION AND INTERPRETER.

[GitHub](#)

2016

#### Keypirinha Currency

PYTHON PLUGIN TO CONVERT CURRENCIES IN KEYPIRINHA (KEYBOARD LAUNCHER FOR WINDOWS).

[GitHub](#)

2017

#### DayByDay

A JOURNALING APPLICATION MADE IN JAVA.

[GitHub](#)

2015

## 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

### Life for 2

[App Store](#)

A LIFESTYLE APP FOR COUPLES.

2018

### 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

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

*San Jose, USA*

2017 **2<sup>nd</sup> Place**, WEIT Conference Best Articles

*Santa Maria, Brasil*

2017 **2<sup>nd</sup> Place**, Regional Branch of Programming Contest

*S. Leopoldo, Brasil*

## Interests

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**Language Design** Type Systems, Functional Languages

**Baking** Sourdough breads

**Outdoors** Running, Cycling, Trekking/Camping