

# 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

2014 - PRESENT

## 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

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

WORKSHOP-SCHOOL OF THEORETICAL COMPUTER SCIENCE (WEIT)

WEIT Annals, page 294

2017

## Experience

### Apple Developer Academy PUCRS

IOS DEVELOPMENT

Porto Alegre, Brasil

2017 - Present

### RNP's Grupo de Trabalho Multipresença

FRONT-END AND BACK-END DEVELOPER

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

Porto Alegre, Brasil

2016

### Software Educacional Livre para Dispositivos Móveis

UNDERGRADATE RESEARCH

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

Porto Alegre, Brasil

2016

### Open Source Projects

GITHUB PAGE

- Visual application for finding Cliques and Independent Sets
- BH Tree-based N-body simulator in Java
- V programming language - Definition and Interpreter

## Honors & Awards

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