Arthur Giesel Vedana

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

☐ +55 (51) 99403-3641 | ✉ agieselvedana@gmail.com | ⌂ arthurvedana.com | ⌂ AvatarHurden | in arthurvedana

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 294-301*

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.

Galaxy Simulator

BH Tree-based N-body simulator in Java with a space theme.

Clique and Independent Set Calculator

Visual application for finding Cliques and Independent Sets in arbitraty graphs

Experience

Apple Developer Academy PUCRS

Porto Alegre, Brasil

iOS Development

2017 - Present

RNP's Grupo de Trabalho Multipresença

Porto Alegre, Brasil

Front-end and back-end developer

2016

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

Software Educacional Livre para Dispositivos Móveis

Porto Alegre, Brasil

Undergradate Research

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*