Arthur Giesel Vedana

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

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

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*

Workshop-School of Theoretical Computer Science (WEIT)   *2017*

iOS Apps

Breather   *App Store*

A journal and breathing exercise to help deal with anxiety or stress attacks.   *2018*

Business Canvas TV   *App Store*

Multi-user iOS and tvOS application to create business model canvases.   *2017*

Rhythm'Em Up   *App Store*

A beat'em up rhythm game.   *2017*

EduFin   *App Store*

Educational application to teach basic and compound interest.   *2017*

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 arbitraty graphs *2014*

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*