

# Arthur Veloso Kamienski

15/09/1997

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## Education

MSc Student at University of Alberta - Canada (Jan 2020 - Present)

- Electrical and Computer Engineering, Software Engineering and Intelligent Systems

Undergraduate Student at UFABC - Federal University of ABC - Brazil (May 2015 - Dec 2019)

- GPA: 3.87 out of 4.00
  - 11th all-time best GPA among all 5,765 graduates until 2020
- Bachelor of Science and Technology - September 2019
- Bachelor of Computer Science - December 2019
  - All-time best GPA for the program among all 174 graduates until 2020

Exchange Student at Offenburg University of Applied Sciences - Germany (Oct 2018 - Feb 2019)

- Baden-Württemberg Stipend Holder

## Work Experience

Teaching Assistant at the University of Alberta (Sep 2020 - April 2021)

- Courses: Software Requirements Engineering, Software Systems Design Project

Data Science Intern at Nubank (Jul 2019 - Dec 2019)

- Development of features, models, and policies for personal loans
- Data analysis for new client acquisition

Data Science Intern at Jeitto (Feb 2019 - Jun 2019)

- Development and evaluation of models and policies using machine learning techniques
- Credit scoring, fraud detection, and client acquisition

## Volunteer Work

Helper at the Fahrrad Werkstatt Offenburg (October 2018-January 2019)

- Workshop for selling and repairing bicycles with no or low cost

Member of the Reinspire Association (2017)

- NGO for preparing public middle school students to take entrance exams for high school
- Middle school algebra teacher and administrative board member

## Research Projects

Analyzing Game Development Q&A Websites (Jan 2020 - present)

- MSc thesis project supervised by Dr. Cor-Paul Bezemer at the University of Alberta

Identifying Single-Line Statement Bugs in Python (Sep 2020 - present)

- Course project at the University of Alberta, supervised by Dr. Abram Hindle

### Evolution of Academic Genealogical Graphs (May 2019 - present)

- Undergraduate thesis project supervised by Dr. Jesús Pascual Mena-Chalco at UFABC

### Identifying Relevant Researchers in Academic Genealogical Graphs: A PageRank-Based Approach (Sep 2016 - Sep 2018)

- Undergraduate research project supervised by Dr. Jesús Pascual Mena-Chalco at UFABC
- Short paper publication at the VIII Brazilian Workshop on Social Network Mining and Analysis (BraSNAM) - Jul 2019
- Funding:
  - PIBIC/CNPq Research Scholarship: Aug 2017 - Sep 2017
  - FAPESP Research Scholarship: Oct 2017 - Sep 2018

## Technical Skills & Languages

### Natural Languages

- Portuguese: Native
- English: Fluent
- German: Intermediate
- Spanish: Intermediate

### Programming Languages (From most to least proficient)

- Python, Java, R, JavaScript, Scala, Kotlin, C/C++, PHP, Haskell

## Life Experiences

### Exchange Student Program (August 2013 - December 2013)

- Theodore, Alabama
- Junior high school student at Theodore High School

### Member of the BAJA UFABC Team (May 2016 - August 2016)

- Calculus of Structures Subsystem
- Validation of manufacturing methods employed in fabricated parts
- Fundraising

## **Publications**

1. A. Kamienski, R. Damaceno, and J. Mena-Chalco. "Prestige in Academic Genealogy Graphs: A PageRank-Based Proposal" (Prestígio em grafos de genealogia acadêmica: Uma proposta baseada em PageRank), in *Proceedings of the 8th Brazilian Workshop on Social Network Analysis and Mining*, Belém, 2019, pp. 167-172