Arthur Veloso Kamienski

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Education

MSc Student at University of Alberta - Canada (Jan 2020 - Present)
- GPA: 4.00 out of 4.00
- 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 out of 5,765 graduates (2020)
  - All-time best GPA for Computer Science out of 174 graduates (2020)
- Bachelor of Science and Technology - September 2019
- Bachelor of Computer Science - December 2019

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 new features for decision models
- Development of an online framework for real-time decisions using personal loan parameters

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 Q&A Websites for Game Developers (Jan 2020 - present)
- MSc thesis project supervised by Dr. Cor-Paul Bezemer at the University of Alberta

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
- 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++, Clojure, Haskell, PHP

Publications

1. **A. Kamienski**, L. Anacona, A. Hindle, C. Bezemer. "PySStuBs: Characterizing Single-Statement Bugs in Popular Open-Source Python Projects", in *Proceedings of the 18th International Conference on Mining Software Repositories (MSR21)*, Madrid, 2021
   a. **Best Mining Challenge Paper Presentation Award!**

2. **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