

Daniel Bispo do Vale

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EDUCATION

Uninorte Laureate Universities

- Computer Engineering B.A. (2014 - 2018)

Federal University of Amazonas

- Masters Program in the field of Machine Learning (Jan/2019 - May/2020 - Interrupted)

COMPLEMENTARY EDUCATION

Yazigi Internexus, Languages school

- English course
 - Pre-intermediary program (2009/1 - 2010/2)
 - Intermediary program (2011)
 - Advanced program (2012/1 - 2014/2)

- French course
 - Basic program (2015)

Unicamp

- Extension Course: Natural Language Processing (Oct/2021 - Dec/2021)
 - Attention models
 - Transformers
 - Applications

PAPERS

- LIMA, A. S. ; VALE, D. B. ; BRILHANTE, E. H. O. ; TAVARES, L. S. ; SIMÕES, W. C. S. S. “Identificação Visual de Objetos Através de Segmentação de Cores e Bordas para Rastreamento da Trajetória”. I Congresso Amazônico de Computação e Sistemas Inteligentes - CACSI 2015.
- VALE, D. B. ; SALAME, M. F. A. “Ferramentas para apoio no processo da análise física de solo”. 3º Congresso Amazônico de Iniciação Científica - CAIC 2018.
- VALE, D. B. ; SALAME, M. F. A. “Soluções digitais para auxiliar na expansão da guaranaicultura na Amazônia”. Jornada de Iniciação Científica da Embrapa Amazônia Ocidental 2019.

PROJECTS

AtomsGame: The periodic table saga,

- Game developed with JavaScript and HTML5 which aims to help childrens and teenagers to learn the elements of the periodic table. Team: Alex Lima, Daniel Bispo, Paulo Moraes, Renan Barroncas, Rebecca Freire.

Minerva Project

- Minerva Project is a group of sub-projects developed by Computer Engineering undergraduate students from CMN06S1 (2016/02) class at UniNorte Laureate University, during the Analog and Digital Electronics course.

Arithmetic and Logic Unit (ALU) implementation

- Implementation of a physical ALU (Arithmetic and Logic Unit) using logic gate, multiplexer and decoder chips to perform basic operations of addition, subtraction and some logic operations.

**PROFESSIONAL
ACTIVITY**

Unimed

- WEB Development Internship (Aug/2015 - Jun/2016): Develop internal web systems and maintain/modify existing ones; Create data reports for analysts using SQL queries

Embrapa Amazônia Ocidental

- Scientific Initiation (Nov/2017 - Jul/2018): Mobile solutions development for supporting the production of Guaraná in Amazonas

Buritech

- Software Developer (Aug/2018 - May/2019): Develop and maintain Android mobile applications, Web Apps and APIs. Our team followed agile development guidelines. Stack: JavaScript (Angular, NodeJS), HTML, CSS, Java (Android), Git
- Data Scientist (Jun/2019 - Jul/2020): Credit score prediction for clients that has been inactive for 1 year and are buying again. Worked with: LightGBM model, feature engineering, model evaluation, data visualization and analysis

INDT

- QA Engineer (Oct/2020 - Current): Develop evaluation solutions for multiple Machine Learning based software modules for mobile devices.