

**Bruno Vilela****Date of Birth:** September 29 1995**Mobile:** +55 35 99914-4165**E-mail:** vilela.bruno.quirino@gmail.com**Objective**

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Creatively use data science techniques to solve real-world problems.

**Education and Research**

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- Bachelor of Science in Computer Science (2016) Federal University of Alfenas – Brazil

**Main Knowledge and Research Interests**

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- **Data Science:** Data Mining, Data Analysis, Machine Learning and Classification.
- **Optimization:** Linear Models.
- **Software Engineering:** Software construction, Software design, Software requirements.

**Awards and Grants**

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- 5<sup>th</sup> place in the Data Science Game Online Qualifiers – DSG (2018).
- Finalist in the Data Science Game Paris – (2018).

**Experience**

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**Smarttbot – Belo Horizonte – Brazil****July 2018–December 2018***Internship*

- Data Science techniques to create robots for quantitative trading.
- Helps Business Intelligence Team with analysis on database.

**OptiRisk – London – England****August 2018–August 2018***Internship*

- Research in Machine Learning and Data Science.  
Investigate machine learning methods to classify and thereby 'PREDICT' short term extreme market movements.

**Federal University of Alfenas – Alfenas – Brazil****March 2018 – July 2018***Researcher Assistant*

- Research in Machine Learning and Data Science.  
Data Science techniques to solve real world problems, using the programming language Python and the analysis tools Pandas, SQL...

**Web/Android Developer****May 2016 – February 2018***Freelance*

- Experience in writing code fixes and tools to solve problems in Java, PHP, NodeJS, Python and experience in optimizing code for stability, functionality and scalability
- Experience with data structures, branching, function-calls, and conditionals as well as debugging code and submitting the appropriate fix.
- Experience or previous project assignments with Data Structures and Algorithms.  
Experience with algorithms that improve a product's capabilities, speed, efficiency, or reliability.

## Highlights and skills

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- Machine learning and Data Science.
- Complex problem solver.
- Software, Internet industry experience.
- Search Engine Optimization.
- Distinctive problem solving and analysis skills.
- Classification.
- Optimization.
- Advanced SQL skills.
- Advanced scripting skills (Python).

## References

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- Humberto Brandão, Ph.D. – Professor and Researcher at Federal University of Alfnas (+55 35 99255-6000)