

## Bruno Vilela

**Date of Birth:** September 29 1955  
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### 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 – 2019) 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.

### Experience

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#### ***Federal University of Alfenas – Alfenas – Brazil***

***March 2018 – Present***

##### *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, 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.      | • Distinctive problem solving and analysis skills. |
| • Complex problem solver.                 | • Classification.                                  |
| • Software, Internet industry experience. | • Optimization.                                    |
| • Search Engine Optimization.             | • Advanced SQL skills.                             |
|   | • Advanced scripting skills (Python).              |

### References

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