

# Jorge Piazzentin Ono

NYU Tandon School of Engineering  
2 MetroTech Center, 10th floor, 10.053I  
Brooklyn, NY 11201

📧 <https://vgc.poly.edu/~jhenrique/>  
✉ [jorgehpo@nyu.edu](mailto:jorgehpo@nyu.edu)

## Research Interests

Machine Learning, Data-Driven Discovery of Models, Information Visualization, Sports Analytics

## Education

- 2015–Present **PhD in Computer Science**, *New York University*, Tandon School of Engineering, Brooklyn, New York. Advisor: Claudio Silva, Ph.D., GPA – 3.97 / 4.0.
- 2013–2015 **Masters in Computer Science**, *University of Sao Paulo*, Institute of Mathematical and Computer Science, Sao Carlos, Brazil. Advisor: Gustavo Nonato, Ph.D., GPA – 10.0 / 10.0.
- 2009–2012 **Bachelor Degree in Computer Science**, *Sao Paulo State University*, School of Sciences, Bauru, Brazil, GPA – 8.8 / 10.0.

## Publications

- 2019 Ono, J.P., Gjoka A., Salamon, J., Dietrich, C. and Silva, C.T. *HistoryTracker: Minimizing Human Interactions in Baseball Game Annotation*. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems. **Best paper honorable mention.**
- 2019 Santos, A., Castelo, S., Felix, C., Ono, J.P., Yu, B., Hong, R., Silva, C., Bertini, E., Freire, S. *Visus: An Interactive System for Automatic Machine Learning Model Building and Curation*. ACM SIGMOD Workshop on Human-In-the-Loop Data Analytics (HILDA), 2019. To appear.
- 2018 Drori, I., Krishnamurthy, Y., Rampin, R., de Paula Lourenco, R., Ono, J.P., Cho, K., Silva, C. and Freire, J. *AlphaD3M: Machine learning pipeline synthesis*. In ICML Workshop on Automatic Machine Learning. **Selected for oral presentation (4 out of 65).**
- 2018 Ono, J.P., Dietrich, C. and Silva, C.T. *Baseball Timeline: Summarizing Baseball Plays Into a Static Visualization*. In Computer Graphics Forum (Vol. 37, No. 3, pp. 491-501). **Best paper honorable mention.**
- 2016 Lage, M., Ono, J.P., Cervone, D., Chiang, J., Dietrich, C. and Silva, C.T., 2016. *Statcast dashboard: Exploration of spatiotemporal baseball data*. IEEE computer graphics and applications, (5), pp.28-37.
- 2016 Nakanishi, R.U., Ono, J.P., Pagliosa, P., Nonato, L.G. and Paiva, A., 2016, October. *Partial Similarity of 3D Shapes Using Cross Recurrence Plot*. In Graphics, Patterns and Images (SIBGRAPI), 2016 29th SIBGRAPI Conference on (pp. 448-454). IEEE.
- 2015 Ono, J.P., Sikansi, F., Corrêa, D.C., Paulovich, F.V., Paiva, A. and Nonato, L.G., 2015, August. *Concentric RadViz: visual exploration of multi-task classification*. In Graphics, Patterns and Images (SIBGRAPI), 2015 28th SIBGRAPI Conference on (pp. 165-172). IEEE. **Best paper honorable mention.**

- 2015 Ono, J.P., Corrêa, D., Ferreira, M., Mello, R. and Nonato, L.G., 2015. *Similarity Graph: Visual Exploration of Song Collections*. In SIBGRAPI Workshop on Visual Analytics, 2015. **Best paper honorable mention.**

---

## Professional Experience

- 2015–Present **Research Assistant**, *NYU Tandon School of Engineering*, New York City.  
Sep–Nov 2018 **Global Research Initiatives Fellow**, *NYU Paris*, Paris.  
Jun–Aug 2017 **Research Intern**, *AT&T Labs Research*, New York City.  
2013–2014 **Teaching Assistant**, *University of Sao Paulo*, Sao Paulo, Brazil.

---

## Awards

- 2019 Best Paper Honorable Mention - CHI Conference on Human Factors in Computing Systems 2019.  
2018 Best Paper Honorable Mention - Eurovis 2018.  
2015 PhD Dean's Fellowship - NYU Tandon School of Engineering.  
2015 Best Paper Honorable Mention - SIBGRAPI 2015.  
2015 Best Paper Honorable Mention - Workshop in Visualization - SIBGRAPI 2015.  
2012 Distinguished Student - Brazilian Computer Society.  
2012 Best Undergraduate Project - School of Sciences - Sao Paulo State University.  
2012 Certificate of Academic Merit (Class rank: 1 of 22) - Sao Paulo State University.  
2011 1<sup>st</sup> Place Programming Contest - Regional, Araçatuba - Sao Paulo.

---

## Computer Skills

- Languages JavaScript, Python, R, C++, Matlab, Java  
ML PyTorch, TensorFlow, scikit-learn  
Big Data Hadoop, Spark  
Databases MongoDB, MySQL  
Visualization D3, React, OpenGL

---

## References

- PhD Advisor Professor Claudio T. Silva. NYU Tandon School of Engineering. <csilva@nyu.edu> 2 Metrotech PI, 10th floor, Brooklyn, NY 11201. Phone: 646.997.4093  
Collaborator Professor Juliana Freire. NYU Tandon School of Engineering. <juliana.freire@nyu.edu> 2 Metrotech PI, 10th floor, Brooklyn, NY 11201. Phone: 646.997.4128  
Masters Advisor Professor Gustavo Nonato. NYU Center for Data Science. <Ign229@nyu.edu> 60 5th Avenue, 7th floor, New York, NY 10011. Phone: +55 16 3373-9697