

Alexandre C. Yano

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EXPERIENCE	Graduate Teaching Assistant, Purdue University, Fort Wayne Aug 2019–Present <ul style="list-style-type: none">• Works as a math tutor for lower and higher Math.• Works as the main instructor for two college algebra classes under the supervision of a senior staff. TA for Mathematical Modelling and Applied Statistics , Duke TIP Jun 2018–Aug 2018 <ul style="list-style-type: none">• Engaged in Mathematical analysis and helped students delve into the math of data analysis using real-world problems.• Established successful methods that helped students applying mathematical induction, calculus, and statistics to prove general statements in math. Development Workshop NGO, Intern (CEDOC), DW Jun–Aug 2014 <ul style="list-style-type: none">• Assisted the DW team in multiple tasks, including, but not limited to, support to the Center for Documentation which archives sections of several Angolan newspapers related to social infrastructure.
EDUCATION	MSc. in Applied Mathematics, Purdue University, Fort Wayne, IN Expected Graduation: Dec 2020 BSc. in Mathematics, Methodist University, Fayetteville, NC May 2019 <ul style="list-style-type: none">• Minor in Computer Science• Dean's List International Baccalaureate (IB), Li Po Chun UWC of Hong Kong May 2015
RELEVANT COURSE WORK	<ul style="list-style-type: none">• Time Series Analysis• Optimization Problems• Linear Algebra• Complex Analysis• Partial Differential Equations
AWARDS	Math Jeopardy Finalist, MAA-SE, Math Jeopardy 2018 and 2019 One Thing Award, Methodist University, SGA 2018
EXTRA ACTIVITIES	BCG – Virtual Experience Program , Forage (cert.) 2020 o Modulus completed: Market Research Data Analysis Understanding consumer needs Client Recommendation Next Steps Complete Python Developer in 2021: Zero to Mastery, Udemy (cert.) 2020 Data Science and Machine Learning Bootcamp with R, Udemy (cert.) 2020 Complete Tensorflow 2 and Keras Deep Learning Bootcamp, Udemy (cert.) 2020
LANGUAGES AND SKILLS	Languages Portuguese (<i>native</i>), English (<i>Fluent</i>), Spanish (<i>Intermediate</i>) Skills Python, R, git, Basic html and \LaTeX Familiar with MATLAB, AWS, PySpark, TensorFlow 2 and Keras,
PROJECTS	[1] J. Asher, N. Hinniger, T. Kelly, P. Klopfenstein, M. Masters, S. Owusu, R. Ruble, W.K. Sellers, A. Yano. The Batch Effect and the Necessity of Metadata Standardization Github 2020 [2] L. Le, J. Asher, N. Hinniger, T. Kelly, P. Klopfenstein, M. Masters, S. Owusu, R. Ruble, W.K. Sellers, A. Yano. Deep Learning in Wireless Communications. Github 2020 [3] Percetron. A Simple Neural Network. Github