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CONTACT INFORMATION International Monetary Fund  
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PROFESSIONAL EXPERIENCE **International Monetary Fund**, Washington, DC, United States  
*Economist, Fiscal Affairs Department* **since 2018**

- Contributed to the development of IMF policy recommendations on climate change adaptation
- Led fiscal discussions, incl. on the Covid crisis policy response, in the SBA program for Armenia
- Covered fiscal, social and energy sector issues in ECF program negotiations for Haiti
- Conducted research in collaboration with country authorities and experts, supervised an intern
- Organized an IDB-IMF-SUNAT workshop on Electronic Invoicing and Data Analytics in Lima

*Economist, African Department* **2016 - 2018**

- Covered real, external issues in ECF/EFF program negotiations and monitoring for Côte d'Ivoire
- Met with groups of private investors to present the IMF's perspective on the Ivoirien economy

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**Columbia University**, New York, NY, United States

*Instructor, Teaching Assistant and Research Assistant* **2010 - 2015**

- Designed content and tests to meet students' needs, presented lectures in International Trade
- Teaching assistant in Macroeconomics (PhD and undergraduate level) and International Trade
- Head of a team of 5 teaching assistants for a class of 120 students

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**Société Générale Corporate Investment Banking**, London, UK

*Intern, Capital Raising and Financing Department* **Jan-Aug. 2009**

- Identified clients' needs and options to improve the costs and maturity profile of their liabilities
- Determined the price of liability swaps and bonds using trading data and quantitative models

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**Banque de France**, Paris, France

*Intern, Balance of Payments Department* **Jun-Dec. 2008**

- In-depth comparative study of France export performance relative to other OECD countries
- Leveraged study's results to propose improvements in the forecasts of international trade flows

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RESEARCH Refereeing: *Review of Economics and Statistics, Journal of International Economics, African Development Review, Climate Policy*

Papers:

- **Estimating macro-fiscal effects of climate shocks from a trillion geospatial weather observations**, Working Paper with B.Akyapi and E.Masseti **2022**
- **Climate change adaptation series: Economic principles for integrating adaptation into fiscal policy; Macro-fiscal implications of adaptation; Planning and mainstreaming adaptation in fiscal policy**; IMF Staff Climate Notes No. 22/001, 22/002, and 22/003 with E.Masseti **2022**
- **Digitalization and tax compliance spillovers: evidence from a VAT e-invoicing reform in Peru**, IMF Working Paper No. 22/057 with J.Chang, E.Dabla-Norris, S.Khalid, J.C.Paliza and P.Villena **2022**
- **Fiscal policies to address climate change in Asia and the Pacific: opportunities and challenges**, IMF Departmental Paper No. 21/07 with E.Dabla-Norris, J.Daniel, M.Nozaqi, C.Alonso, V.Balasundharam, C.Chen, D.Corvino, and J.Kilpatrick **2021**
- **The role of market structure and timing in determining VAT pass-through**, IMF Working Paper No. 21/61 with A.Copestake **2021**
- **Household consumption volatility and poverty risk: case studies from South Africa and Tanzania**, IMF Working Paper No. 20/51 with C.Pizzinelli and R.Perrelli **2020**
- **Digitalization to improve tax compliance: evidence from VAT e-invoicing in Peru**, Journal of Public Economics 2022, IMF Working Paper No. 19/231 and IMF Podcast with J.Chang, E.Dabla-Norris, S.Khalid, F.Lim, E.Rojas and P.Villena **2019**

RESEARCH	<ul style="list-style-type: none"> <li>• <b>Regional growth spillovers in sub-Saharan Africa</b>, IMF Working Paper No. 19/160 and IMF blog post with F.Arizala, M.Mlachila and M.MacDonald, <i>AFR department award</i> <b>2018</b></li> <li>• <b>Trade liberalization and inequality: a dynamic model with worker and firm heterogeneity</b>, working paper, <i>WTO Essay Award</i>. <b>2016</b></li> <li>• <b>The characteristics of worker flows by firm growth: evidence from a matched firm-worker dataset from France</b>, working paper, <i>Wueller Pre-Dissertation Award</i>. <b>2016</b></li> <li>• <b>Reallocation, industry structure and the effects of banking deregulation</b> working paper with J.Vogel and J.Nosal. <b>2016</b></li> </ul>
CONFERENCE PRESENTATIONS AND AWARDS	<hr/> <ul style="list-style-type: none"> <li>IMF Singapore Regional Training Institute Webinar on Fiscal Policies for Climate Change Adaptation, Singapore <span style="float: right;">2021</span></li> <li>8th International Workshop on Domestic Revenue Mobilization: “Taxation and digitalization”, German Development Institute (DIE), Bonn <span style="float: right;">2019</span></li> <li>Gates foundation grant supporting research on VAT electronic invoicing reform in Peru <span style="float: right;">2018</span></li> <li>IMF African department award in recognition for exceptional contributions <span style="float: right;">2018</span></li> <li>USC Dornsife INET’s Conference on Inequality, Globalization, and Macroeconomics, University of South California, Los Angeles <span style="float: right;">2017</span></li> <li>5th IMF- World Bank - WTO Trade Research Workshop, Washington <span style="float: right;">2016</span></li> <li>European Trade Study Group, 18th Annual Conference, Helsinki <span style="float: right;">2016</span></li> <li>World Trade Organization Essay Award for Young Economists <span style="float: right;">2016</span></li> <li>Dissertation Fellowship, Department of Economics, Columbia University <span style="float: right;">2015 - 2016</span></li> <li>CREST (the Center for Research in Economics and Statistics) visiting student, Paris <span style="float: right;">2014 - 2016</span></li> <li>Faculty Fellowship, Department of Economics, Columbia University <span style="float: right;">2010 - 2015</span></li> <li>Chazen Institute of International Business Doctoral Research Grant <span style="float: right;">2014</span></li> <li>Program for Economic Research Grant, Columbia University <span style="float: right;">2014</span></li> <li>Wueller Pre-Dissertation Award for Best Proposal by a 4th-Year Student, runner-up, Department of Economics, Columbia University <span style="float: right;">2014</span></li> <li>Wueller Teaching Award, runner-up, Department of Economics, Columbia University <span style="float: right;">2013</span></li> </ul>
EDUCATION	<hr/> <ul style="list-style-type: none"> <li><b>Columbia University</b>, New York, NY, United States</li> <li><i>PhD in Economics (specialization in International Trade and Macroeconomics)</i> <b>2010 - 2016</b></li> <li>• Dissertation: “Essays in Economics on Liberalization and Reallocation”</li> </ul> <hr/> <ul style="list-style-type: none"> <li><b>Paris School of Economics</b>, Paris, France</li> <li><i>Master of Science in Economics</i> <b>2009 – 2010</b></li> <li>• Master thesis in International Trade: “Unemployment, labor protection and market integration”</li> </ul> <hr/> <ul style="list-style-type: none"> <li><b>Ecole Nationale de la Statistique et de l’Administration Economique</b>, Paris, France</li> <li><i>Diplôme d’ingénieur (specialization in Econometrics, Finance, Macroeconomics)</i> <b>2006 – 2010</b></li> <li>• Master thesis: “A Macro-Analysis of Economic Development in China: the Dynamics of Regional Inequality” with V. Faubert, M. Lebrand, and G. Zéganadin</li> </ul>
PROGRAMMING	Stata, R, Matlab, Latex
LANGUAGES	French (native), English (fluent), Spanish (conversational) and German (basic)
VOLUNTEERING	<ul style="list-style-type: none"> <li>Mentoring to help immigrant students achieve their college dream at Carlos Rosario International Charter Public School <span style="float: right;">2019-2020</span></li> <li>Association of Graduate Economics Students, Columbia, <i>Board member</i>. <span style="float: right;">2011-2013</span></li> <li>Association of Students, ENSAE, <i>President</i>, managed a €100,000 budget. <span style="float: right;">2007</span></li> <li>Instructor of college prep courses for underprivileged students. <span style="float: right;">2006-2007</span></li> </ul>