

## Michel Gutmann

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<b>Education</b>	Major in Economics - Mathematics at Columbia University Sciences Po - Columbia Dual BA Continuation of the Mathematics Licence (B.S. equivalent) at Sorbonne Université (formerly Université Pierre et Marie Curie - Paris VI)	<b>2020-2022</b>
	2 <sup>nd</sup> year - Science/Social Science dual degree (Sciences Po/Sorbonne) Mathematics stream at the Sorbonne Concentration in Economics and Sociology at Sciences Po	<b>2019-2020</b>
	1 <sup>st</sup> year - Science/Social Science dual degree (Sciences Po/Sorbonne) Cum Laude distinction at Sciences Po (top 12% of cohort)	<b>2018-2019</b>
<b>Relevant Experience</b>	<b>Research Assistant</b> , Sciences Po Economics <ul style="list-style-type: none"><li>Under the supervision of Professors Johannes Boehm (Sciences Po), Thomas Chaney (USC) and Danial Lashkari (Boston College)</li><li>Built and evaluated multiple natural language processing pipelines using spaCy in python to perform Named Entity Recognition and Linking on heterogeneous unstructured text data</li></ul>	<b>July 2021 - August 2021</b>
	<b>Research Assistant</b> , Sciences Po Economics <ul style="list-style-type: none"><li>Research conducted under the supervision of Professor Julia Cagé on the projects <i>Media Competition and News Diets</i>, (J. Cagé, C. Angelucci and M. Sinkinson) and <i>Social Media and Newsroom Production Decisions</i> (J. Cagé, N. Hervé, B. Mazoyer)</li><li>Built a demographic data (gender, ethnicity and profession) extraction program for Twitter users relying on unstructured text analysis with machine learning in Python</li><li>Identified sources of data and collected data on the web presence and revenue of more than 180 French media outlets</li><li>Acquired data on social media performance of more than 900,000 media stories using CrowdTangle and Facebook APIs</li><li>Read, summarized and analyzed scientific articles in economics and sociology to produce comprehensive literature reviews</li></ul>	<b>May 2020 - June 2021</b>
<b>Computer Skills</b>	Python, spaCy, Git, Stata, R, Matlab, CrowdTangle, Microsoft Excel, L <sup>A</sup> T <sub>E</sub> X, Microsoft Office, Wordpress, Google Ads	
<b>Relevant Coursework</b>	<b>Statistical Machine Learning</b> , Columbia, Statistical Machine Learning, A <b>Linear and Bilinear Algebra II</b> , Sorbonne, 95/100 and 97/100 (US A+) <b>Introduction to Probability</b> , Sorbonne, 89/100 (US A+) <b>Lebesgue Integration</b> , Sorbonne, 81.5/100 (US A+) <b>Series of Sequences and Functions</b> , Sorbonne, 80/100 (US A+)	
<b>Languages</b>	<b>French</b> , Native <b>Italian</b> , Native <b>English</b> , Bilingual (120/120 TOEFL iBT) <b>German</b> , C1 Level (Proficient)	

**Other  
Experience**

**Intern, Clichés Urbains, Paris, France**

**May 2019 - July 2020**

- Taught and supervised groups of 5-10 7-14 years old children in photography workshops in Paris' 19<sup>th</sup> district's Priority Neighbourhoods once a week
- Procured participants authorization for non-commercial use of their images during street studios
- Writing of texts describing the association for subsidy/grant applications in ad-equation with the funding's specific goals
- Creation and application of advertising strategy: creation of a permanent web advertising campaign targeting local families and a campaign targeting potential donor using Google Ads
- Enriched association's web presence: rewriting of website texts, selection of impactful photos for website and social media and search engine optimization

**Treasurer, Révolte-Toi Sciences Po**

**June 2019 - June 2020**

- Secured the debating society's institutional University funding
- Identified and contacted private organizations to sponsor the society's activities
- Planned and oversaw spending on events with organizing teams of 8-12 with audiences of 100-500 twice per semester
- Participated in debates as a member starting September 2018