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| **Guillaume BROUILLON**  [guillaume.brouillon@essec.edu](mailto:guillaume.brouillon@essec.edu) | +33 06 52 38 47 38 | LinkedIn : [guillaume.brouillon](https://www.linkedin.com/in/guillaume-brouillon-362b88173) | | |
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| EDUCATION | | |
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| 2021-2023 | ESSEC Business School, *Grande Ecole Program, corporate strategy track* |  |
|  | ***Master in Management*** *(Expected 2023) –Finance, Management and Strategy* | *Highest honors* |
| *Relevant courses* | Strategy consulting in Practice, Strategy & management, corporate strategy, strategic cost management… | |
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| 2018 – 2021 | ENS Paris Saclay**,** *Grande Ecole Program*, *Elève Normalien* |  |
| *2021* | ***M2 ICFP - ENS Ulm,*** Quantum Physics/Condensed Matter, | *High honors* |
| *2020* | ***M1 Irène Joliot Curie - ENS Paris-Saclay,*** General Physics | *Highest honors* |
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| 2016 – 2018 | Lycée Louis Le Grand **-** *Preparatory class PC* | *Highest honors* |
| 2013 – 2016 | Lycée du Pays de Retz **-** *French Baccaclauréat* | *Highest honors* |
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| PROFESSIONAL EXPERIENCES | | |
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| SOLVAY, BRUSSELS | | 2023 (6 months) |
| Strategy analyst intern | |  |
| Project: Contributed to overall “strategic plans & intelligence” team activities.  * Participated in the elaboration of the group-level strategy for Syensqo, resulting in a comprehensive value creation plan (where to play, how to win; resource allocation). * Assisted in the creation of a macroeconomic dashboard for Executive Leadership Team members to identify macro-trends. | | |
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| MMA, 2nd largest French insurance company for professionals | | Summer 2022 (2 months) |
| Consultant intern | |  |
| *Project: Conducted quality audit of customer approach and compliance with legal requirements of a network of intermediaries*  ● Process analysis leading to the implementation of an action plan to jointly optimize commercial productivity, customer experience, service delivery and duty of advice.  ● Proposal of an innovative digital-based solution leading to an ongoing start-up project. | | |
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| Solid State Physics Laboratory (Paris-Saclay University) | | 2021 (3 months) |
| Researcher intern | |  |
| Project: Conducted research on new materials for use in neuromorphic computing (AI) | | |
| * Developed mathematical and numerical models to solve problems related to filament dynamics and geometric profiles. * Improved experimental data analysis using a digital solution, increasing accuracy by 30% and analysis speed by over 1000%. | | |
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| Department of Quantum Physics, University of Geneva | | 2020 (4 months) |
| Researcher intern | |  |
| Project : Evaluated the efficiency of a quantum device for thermo-electronic applications | | |
| * Proposed and resolved mathematical models related to heat and charge flow. * Provided post-internship assistance in setting up a numerical model based on the developed mathematical model. | | |
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| Thalès | | 2019 (2 months) |
| Researcher intern | |  |
| Project : Designed and tested quantum devices for the development of new mRAM computer memories  * Achieved project objectives 40% ahead of schedule, allowing for new structures to be explored. * Recognized best internship defense presentation of the ENS physics department, according to a jury of two senior researchers. | | |
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| LANGUAGES AND OTHER SKILLS | | |
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| Languages | **English** Bilingual (CAE: 206/210, TOEIC 985/990) **French** mother tongue **Spanish** intermediate | |
| IT | **Office** (expert),**Tableau** (intermediate), **G Suite** intermediate), **Mathematica/R** (advanced), **C++/C#/Python/SQL/.NET** (advanced), **Adobe** (intermediate) | |
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| ACTIVITIES AND INTERESTS | | |
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| Billard Club ENS Paris Saclay Treasurer | | 2019-2021 |
| * Led advertising campaigns which increased club membership by 500% * Led negotiation for the club's new premises on the Saclay Campus with the university’s Student life committee, including the ENS’ President, and General Director of services. Secured privileged location and €3k budget help. | | |
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| Sports | Tennis ,Surf, Skiing. |  |
| Other | Application development, Travel, Piano (classical and jazz band), Photography. | |
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| *Private & Confidential - I allow recruiters to keep my CV until July 2024* | | |