Sam Borremans

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Languages: Native: English, French, Japanese • **Proficient:** Flemish Dutch, German

EDUCATION

Duke University	Durham, NC
Bachelor of Science, Mathematics / Computer Science	Aug. 2023 - May 2027

Relevant Coursework: Engineering Design & Communications, Intro to Machine Learning,
Data Structures and Algorithms (Java)

Ecole Jeannine Manuel	Paris, France
International Baccalaureate (IB)	Sep. 2020 - Jun. 2023

7 (highest grade) in Mathematics Analysis and Approaches, Physics, and Economics at Higher Level
7 in Chemistry at Standard Level
SAT: *1550/1600 (750/800 EBRW • 800/800 Mathematics)*

SKILLS

Advanced in Node.Js, Java, HTML/CSS/JS, and Git • **Intermediate** in Python, SQL, and Matlab

Machine Learning, Stanford University ([Certificate](#))	Feb. 2022

EXPERIENCE

Koh-Ed	Paris, France
Head of Finance, IT, and Marketing	Jul. 2021 - May 2023

- Built the organization's website, and tools to facilitate meeting planning using JavaScript.
- Led 4 teams (15+ people) to manage budgets, develop marketing strategies, and fundraise over $3900 for our local community center.

School-sponsored Science Tutor and English Teacher
Paid IB Math AI and AA HL and Physics HL Tutor

BlaBlaCar	Paris, France
Finance Intern	Jun. 2021

- Shadowed CFO Julien Lafouge to observe the inner workings of the finance branch.
- Built a website facilitating communication between BlaBlaCar's finance team and other branches.
- Designed guides helping employees to make expense reports, invoices, and cash advances.

Energy Observer	Paris, France
Translator Intern	Jul. 2020

- Translated documentaries, videos, and websites from English and French to Japanese in preparation for their presence at the 2020 Tokyo Olympic Games.

ACADEMIC ACHIEVEMENTS AND AWARDS

Ecole Jeannine Manuel Award for Academic Excellence	Jun. 2022

- Honor awarded to the top 10% of the class.

Winner - 1st Prize, *Mblock Robotics Competition*	Jan. 2020

- Designed an efficient pathfinding algorithm using Python to lead our team to victory in the Robotics Competition for French International Schools of Asia-Pacific.

2nd - Silver Medal, *"Course aux Nombres" - Mathematics Competition*	Feb. 2019

- Placed 2nd in the French International Schools in the Asia-Pacific region.

Summa Cum Laude for the Piano, *Académie des Arts de la Ville de Bruxelles*	Jul. 2018
4th Prize / 25 000 Participants, *Belgian Mathematics Olympiads (OMB)*	Jun. 2018

PROJECTS

F1 Guess - Formula 1 Fantasy Game (f1guess.com)

- Built a sports fantasy game using Node.js, MongoDB, Express, and analytic tools (Google Analytics, Hotjar).
- Collected over 1500 euros in funding, used to cover server costs and provide prizes for players.

Advanced Duke Class Searcher (In Progress)

- Improved class searcher made using Express and SQL to query data retrieved using APIs and HTML scraping.
- Plan to include past ratings of the class/professor retrieved from DukeHub and RateMyProfessor API.

Portfolio Website (samborremans.com)

- Designed a personal portfolio website made using Node.js, Express, and EJS, to display my skills and projects.