

## 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, 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 a platform to facilitate HR management 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*

- Taught English to refugees; hosted Zoom meetings to provide Mathematics and Physics tutoring.

#### 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 ([flguess.com](http://flguess.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 Django and SQL to query data retrieved using APIs and HTML scraping.

#### Portfolio Website ([samborremans.com](http://samborremans.com))

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