

Sam Borremans

Durham, NC 27708-3795 • samborremans.com • sam.borremans@duke.edu • +1 (919) 638-4029

Languages: Native Proficiency: English, French, Japanese • **Working Proficiency:** 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, HTML, CSS, Python, & Git • **Intermediate** in Java, C, C++, and Go

Experienced with SEO optimization and web analytic tools, including Google Analytics, and Hotjar

Machine Learning, Stanford University ([Certificate](#))

Feb. 2022

WORK 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 - Gold Medal, 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

Portfolio Website (samborremans.com)

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

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

- Built a sports fantasy game using Node.js, MongoDB, and web analytic tools (Google Analytics, Hotjar).
- Utilized Machine Learning to boost lower-ranked players' scores in order to achieve a higher retention rate.
- Collected over 1500 euros in funding, used to cover server costs and provide prizes for players.