

SANTOSH PASSOUBADY

12TH-GRADE STUDENT – MATH AND PHYSIC SPECIALIZATION

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ABOUT ME

Technical Skills C/C++, Python, HTML/CSS, JS, Office (Excel), Figma, Adobe XD, Zeplin, Firebase

Languages French, English, Conversational Proficiency in Tamil and German

Interests Judo, Finance, Space, Statistics, Entertainment

WORK EXPERIENCE

Optic 2000, Beaune France, Le Groupe Optic 2000

Internship, sales

Beaune, Burgundy (April 2018)

- Assisted store employees who were in different positions
- Provided great customer service and helped salespersons demonstrate products to the customers
- Sorted administrative files more efficiently while maintaining a clean workplace
- Gained confidence, sales skills, and experience through this internship

COMPETITIONS AND PERSONAL PROJECTS

Empyrial

(Mars 2020 - Present)

- Built an open-source framework for financial analysis and portfolio management
- 67k+ downloads
- Collaborated with 6 other people from all over the world (China, U.S.A, Brazil...) on this project
- Used by Georgetown University and ENSAE Paris, the best statistics school in France
- Stats: 470+ upvotes on Reddit, 435+ stars on Github, and more than 24k views on Medium

Campus

(August 2020)

- Problem: Students could not hear what professors were saying because we were too much in the same classroom
- Built a website that allows students from my high school to share class notes so everyone could get access to the materials seen in class
- Used by 60% of students from my school

Finance

(March 2020)

- Wrote a Python program using Efficient frontier to allocate capital in my stock portfolio. Achieved a 19% return in 6 months
- Built Quantclean, the first data cleaning library for financial datasets (around 2k downloads)
- Contributed to QuantConnect by creating Wizardry, a CLI for building algorithmic strategies

Judo

(September 2008 - Present)

- Ranked 9th during the 2018 french judo championship in -60 kg
- Obtained black belt by winning 5 matches in a row
- 40 hours of volunteering to collect donations and help organize events with my club

Leadership

(2021 - Present)

- Elected as a class representative
- Elected by majority vote (64%) as the President of the student council
- Twice participated in a national eloquence contest

EDUCATION

Lycée Saint Coeur

Beaune, Burgundy (2011 - Present)

- Specialization Maths and Physics/Chemistry
- Cumulative average: 17.56/20

Dual Diploma

(2019 - Present)

- Enrolled in a three-year program that allows me to obtain a recognized American high school diploma
- 2 times honor roll
- Current GPA: 4.00