

João Pedro Bonchristiano

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SUMMARY

Computer Science student at the Georgia Institute of Technology, raised and educated in Brazil, the United Kingdom and the United States. A problem-solver and team worker interested in Full-Stack Web Development, IoT, and System Design. Experience in data modeling, web programming, teaching, and leading groups of programmers.

EDUCATION

Georgia Institute of Technology, Atlanta, GA - B.S. in Computer Science 2022 - May 2026

- **Relevant courses:** Object-Oriented Programming with Java, Linear Algebra, Differential Calculus
- **Online courses:** *Introduction to Data Science: Visualization and Modeling* - Stanford University, *Client-side Internet Technologies* - Stanford University, *Programming Methodology* - Stanford University, *Introduction to Computer Science* - Harvard University

Abingdon School, Oxfordshire, United Kingdom - A-Level High School Diploma 2017 - 2022

- GPA: **4.0**, SAT: **1560** (790 Math, 770 English)
- Academic Excellence Scholarship, 2018
- A-Level Courses: Computer Science, Mathematics, Further Mathematics, Economics
- Research paper: "*The Societal Impacts of Blockchain Technology*", 2022

LEADERSHIP & EXPERIENCE

Lead Computer Scientist - *Schools Clean Air Monitoring Project*, Abingdon Area, England 2020 - 2022

- Led computer science team of an educational partnership between 13 local primary and secondary schools.
- Set up IoT particulate matter (air quality) sensors around the county, collecting data for analysis and discussion.
- Taught young students the fundamentals of computer science, data collection, air quality, and environments.

Founder and Lead Developer - *Startup, Natural Disaster Relief* 2021 - present

- Founded startup to connect potential donors to charities by linking to disaster-specific non-profits.
- Developed an interactive Express.js web-application using multiple APIs to map natural disasters real-time.

Full-Stack Engineer - *Georgia Tech WebDev* 2022 (present)

- Worked with 5 fellow Computer Science students to develop software for the university.
- Developing campus feature-reviewing platform using Firebase and React, to be used by the entire student body.

Senior Equity Fund Analyst & Manager - *Investment & Trading Club*, Abingdon School 2019 - 2021

- Supervised and educated over 70 students with more than \$500mm of virtual AUM.
- Led workshops on basic corporate valuation and how to develop strategies to maximize opportunities.
- Developed a blog-style platform using Django to encourage collaboration and pooling of market insights.

Mathematics and Computer Science Tutor 2020 - 2022

- Volunteered as a tutor for math and computer science for high school students aged 14-17.
- Led workshops focusing on standardized exams & preparation (SAT I & II).

HONORS

Gold medal, UK Mathematics Trust (UKMT), 2021

Gold medal, British Physics Olympiad (BPhO), 2021

Academic Scholarship, Abingdon School, 2018

Computer Science Award, Awarded to top CS student in graduating class (2022)

SKILLS & INTERESTS

Technical skills: Proficient in JavaScript (ES6), Express.js, React.js, HTML5/CSS3, Python 3, Git, Linux, Relational DBs

Soft skills: Group coordination, presentation, lateral thinking, leadership

Languages: Portuguese (Native), English (Native), Spanish (Professional working)

Interests: Basketball (varsity basketball team captain 2021-2022), Scuba Diving (PADI Open Water certified)