

# João Pedro Bonchristiano

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## SUMMARY

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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

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

- Relevant courses: **Object-Oriented Programming with Java** (CS 1331), **Linear Algebra** (MATH 1554), **Differential Calculus** (MATH 1551), **Integral Calculus** (MATH 1552)
- **Introduction to Data Science: Visualization and Modeling** - Stanford University, **Client-side Internet Technologies** (CS 193C) - Stanford University, **CS50: Introduction to Computer Science** - Harvard University, **Programming Methodology** (CS 106A) - Stanford University

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

- 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

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**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.
- Taught young students the fundamentals of air quality, environments, computer science, and data collection.
- Set up IoT particulate matter (air quality) sensors around the county, collecting data for analysis and discussion.

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

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

**Founder and Lead Developer** - Natural Disaster Relief (2021)

- Developed an interactive Express.js web-application using multiple APIs to map natural disasters real-time.
- Connects potential donors to charities by linking to disaster-specific non-profits in the web app.

**Mathematics and Computer Science Tutor** (2020-2022)

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

## HONORS

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**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

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**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:** Varsity basketball team captain (2021-2022), Player of the Year Award winner

Scuba Diving/Sea life/Habitat preservation (PADI Open Water certified)