João Pedro Bonchristiano

(929) 607-7784 | jp.bonchristiano@gmail.com | linkedin.com/in/jpbonch

EDUCATION

Georgia Institute of Technology
Atlanta, GA

B.S in Computer Science, Minor in Economics
Aug 2022 – May 2026

- Concentrations: Computer Architecture & Networks
- Coursework: Computer Organization, Systems & Networks, Data Structures & Algorithms
- Cumulative GPA: 3.77; Major GPA: 4.0

Stanford University
Stanford, CA

Stanford Summer Session
June 2021 – Aug 2021

- Coursework: Client-side Internet Technologies, Programming Methodology, Intro to Data Science
- GPA: 4.112

EXPERIENCE

Citadel
New York, NY

Incoming Software Engineering Intern
June 2024 – Aug 2024

Microsoft
Redmond, WA

Software Engineering Intern (TNT Program)
June 2023 – Aug 2023

- Developed an ERP solution for Small & Midsize Enterprises, using React Native & Redux.
- Created multiple cross-platform (iOS/Android) components and designed the application's data & state flow.
- Integrated components with the backend using internal Azure Cognitive Services.

Fintech @ Georgia Tech
Atlanta, GA

Software Engineer
Aug 2023 – Present

- Developing application to optimize consumers' cash rewards on online shops using multiple credit cards.
- Leading implementation of browser extension and pseudo-credit card to route purchases to optimal cards.
- Collecting and designing data models for points & rewards data; offering this data to developers via REST API.

Brazilian Student Association (BRASA)
Atlanta, GA

Software Analyst
Nov 2022 - Aug 2023

- Developing BRASA's Web App, used by hundreds in annual conferences - using Express.js & PostgreSQL.
- Maintaining BRASA's central API - created multiple endpoints to handle student & sponsor data.
- Migrated codebase from JavaScript & Sequelize to a more modern TypeScript & TypeORM stack.

PROJECTS

Energy Suite

- Developing a suite of desktop programs for personal use, consisting of a browser, text editor & code editor.
- Focusing on customizability and modularity, as well as inbuilt support for modifications and extensions.
- Finished Joule, a Chromium-based browser made with Electron.js, with cookie support & credential management.
- Accrued a small user community on GitHub with 100+ unique downloads.

EGHI Mental Health Hackathon

- Placed in the top 5 of a Mental Health Technologies hackathon, developing an app for recovering drug addicts.
- Helping patients prone to relapsing by providing risk analysis and peer support networks through the app.
- Used React.js to prototype a beta version. Implemented routing and P0 features to demonstrate app flow to judges
- Among teams chosen to receive funding to continue development.

SKILLS

Languages: JavaScript, Python, C, C++, SQL, TypeScript, Java, OCaml
Technologies: React.js, Express.js, Node.js, MongoDB, AWS, Azure, Docker, Git
Fluency: Portuguese (Native), English (Native), Spanish (Conversational)