Ivan Casas

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EDUCATION

Computer Science and Math Double Major at University of Central Florida

Relevant Coursework   *GPA: 3.7*
- COT3100 Introduction to Discrete Structures (A)
- MAC 2312 Calculus II with Analytic Geometry (A)
- MAC 2313 Calculus III with Analytic Geometry (IP)
- MAD 4301 Introduction to Graph Theory (IP)
- MAS 3105 Matrix and Linear Algebra (IP)
- PHY 2049 Physics General Physics Using Calculus II (IP)

Awards
- President's Honor Roll Fall 2022

MAST Academy High School

Awards
- MAST Academy AP Physics C: Mechanics Award of Distinction
- MAST Academy AP Macroeconomics Award of Distinction
- AP Scholar with Distinction

Relevant Test Scores
- AP Physics C: Mechanics: 5
- AP Statistics: 5
- AP Calculus AB: 5
- SAT: 1530/1600   Reading: 730   Math: 800

Extracurricular Activities
- Mu Alpha Theta (Math Honor Society)
- Physics Teacher Assistant 2022

WORK EXPERIENCE

Ecglobal

Junior Software Engineer   *Jan 2022 - Dec 2022*
- Lead developer of eCGlobal's data analytics team, working with data from hundreds of thousands of users. Massively expanded eCGlobal Studio's data analytics platform by implementing more than twenty different data visualizations and dozens of filters users can interact with to search through data. Created a product that eCGlobal will start to license to clients and use to draw insightful conclusions about market research.
- Used pandas Dataframes in addition to javascript to create more advanced data visualizations.
- Lead developer of Brandtalk's data analytics module, an app eCGlobal is launching where users will be able to compare market research insights across several different markets.
- Helped build eCGlobal's first mobile app with React Native.

Frontend intern   *May 2021- Dec 2021*
- Worked with a team of six developers to create a management system for eCGlobal and clients to administer their communities and metrics called eCGlobal Studio. Implemented and optimized different interactive forms used throughout the system.
- Started a new data analytics team along with another developer, using a mix of SQL and Javascript to query data through an API and using React to build interactive dashboards on top of that data.

PROJECTS

influensi

Co-founder/CTO/Lead Developer
- Co-founder of a startup that connects users and businesses through a social media app called influensi.
- Created a database with Google Firebase to store user data, implemented user authentication, developed a scrollable feed where users could connect with each other, in-app messaging, and a 'friend request' feature.

SKILLS & INTERESTS

Skills: Read, write, and speak fluent Portuguese and Spanish. SQL, JavaScript, Python