CHRISTOPHER P. SÁEZ

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**EDUCATION UNC Chapel Hill** Chapel Hill, NC

*Junior Computer Science Major (B.S.) and Mathematics Minor* Expected May 2026

* Hayden B Renwick Scholar / **GPA 3.9** / Dean’s List Scholar every semester
* Coursework: Data Structures & Algorithms, Linear Algebra, Cryptography, Discrete Mathematical Structures in CS, Design Patterns in Programming, Models of Languages and Computation, Data Literacy, Computing Systems, Software Engineering, Multivariate Calculus

**Charlotte Country Day School** Charlotte, NC

*High School* *Graduate – 4-year Head of School’s List* Graduated May 2022

* Honors: Physics Student of the Year Award and Tri-M Music Society
* Science Club Co-President, Ultimate Frisbee Team Captain, Karate Instructor

**UCLA** Los Angeles, CA

*Summer Applications of Nanoscience Class /* ***GPA 4.0*** *(remote)*Summer2020

* Final presentation on copper nanoparticle use to combat the spread of disease

**Queens University** Charlotte, NC

*Summer C++ Programming Class* Summer 2018

* Created user-input-based console games in C++

**SKILLS Programming and Data Analytics**

* Java, C, C++, Shell, Linux, R, Tableau, Excel, Python, Openpyxl, Matplotlib, Observable Plot, TensorFlow

**Front-End Web Development**

* HTML, CSS, JavaScript, Bootstrap, Angular, TypeScript, project leadership, UX and UI design principles

**EXPERIENCE Matthews South** New York, NY

*Software Engineering / Investment Banking Internship* Summer 2024

* Worked with ex-Goldman Sachs head of structured equity to create a deep learning model in TensorFlow to predict potential clients by analyzing past issuance of convertible securities
* Created an algorithm to optimize call spreads in O(n log n) time by adapting it as a variation of the knapsack problem and implementing efficient sorting and parsing functions in Python
* Exposed to client acquisition and market competition strategies in investment banking
* Presented my developments on the call spread algorithm, convertible issuance AI model, and eOMR backtesting website during the company offsite

**Podium Education** Charlotte, NC

*Global Tech Experience – Web Development* Summer 2023

* Created interactive websites using HTML, CSS, JavaScript, Bootstrap, and APIs (see [Portfolio](https://csaez22.github.io/Portfolio/))
* Applied design thinking to improve the user experience of websites
* Learned leadership, collaboration, and communication skills such as developing team member proposals into an effective plan

**Alvita Care** Long Island, NY

*Summer Technology and Logistics Internship* Summer 2022

* Researched employee transportation system logistics
* Assisted the management team in re-structuring employee dispatch

**Affordable House Co** Charlotte, NC

*Finance Analytics and Modeling Summer Internship* Summer 2021

* Identified and developed technical improvements to tenant data collection
* Developed business process automation tools in Excel

**INTERESTS •** UNC Ski & Snowboard Team, learning Spanish (advanced level of proficiency), alto and baritone

**•** saxophone, teaching martial arts, tennis, and basketball