

Gabriel Gumprich Delfino Silva

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EDUCATION

University of Virginia

B.A. in Computer Science, B.A. in Economics

Charlottesville, VA

Expected Graduation, May 2026

Technical Coursework:

- UVA Data Structures & Algorithms: Object-oriented programming and core data structures and algorithms using Java.
- UVA Data Structures & Algorithms II: Advanced study of complex data structures and algorithms with Python.
- UVA Computer Systems and Organization: Foundational concepts in computer systems using C.
- UVA Software Development Essentials: Full-stack software development with Java, emphasizing software design.
- UVA Software Engineering: Advanced software principles and web application development with Python (Django).

EXPERIENCE

Electronic Arts (EA)

Data Analyst Intern

San Francisco, CA

May 2024 – Aug 2024

- **Spearheaded the end-to-end development** of an innovative, data-driven system to detect player collusion in Apex Legends, a popular video game with 170 million players life-to-date, enhancing game integrity and player experience.
- **Took ownership of project planning**, collaborating cross-functionally with the Security and Data Science teams to align technical execution with stakeholder needs.
- Engineered robust SQL pipelines to extract and transform collusion-related gameplay data for model training and deployment.
- Performed advanced statistical analysis and model experimentation in Python using Amazon SageMaker, optimizing detection accuracy and reliability.
- Automated delivery of daily model outputs into Snowflake, enabling near real-time review and enforcement by the Security team — **boosting operational efficiency by over 500%**.

UVA Darden School of Business

Technical Research Assistant (Decentralized Governance and Digital Asset Prices)

Charlottesville, VA

Sep 2023 – Present

- Conducted research on DAO governance structures, Web3 M&A activity, and investor behavior in crypto markets.
- Developed Python scripts to collect, clean, and visualize digital asset data for over **1000+ assets**.
- **Analyzed 200+ M&A deals** in the Web3 ecosystem to assess novel market consolidation patterns.
- Performed regression analysis using STATA to identify trends in DAO governance and asset pricing.
- Investigated the Celsius Network scandal and its impact on investor sentiment.

Abrace, Inc.

Youth Projov Volunteer

McLean, VA

Aug 2018 – May 2022

- **Pioneered a youth volunteer program** to design activities, assist teachers, work with children, and support the education of Brazilian heritage language learners at a non-profit organization aimed towards preserving cultural and linguistic heritage of Brazilians living in the Northern Virginia area.

TECHNICAL SKILLS

Programming: Python (Flask, Django), Java, HTML/CSS, SQL, JavaScript, R, Stata, Amazon S3, Heroku, Git, SQLite, PostgreSQL

Data: Pandas, NumPy, StatsModels, Data APIs, Sci-Kit Learn, Excel

LANGUAGES

Native Fluency: English & Portuguese

Proficient: Spanish

ACTIVITIES AND LEADERSHIP

UVA Brazilian Student Association (BRASA)

Association Treasurer

Charlottesville, VA

Aug 2023 – Present

UVA Men's Club Soccer

Player

Charlottesville, VA

Aug 2023 – Present

UVA Data Science and Analytics Club

Member

Charlottesville, VA

Aug 2023 – Present

Google Developer Student Club @ UVA

Member

Charlottesville, VA

Mar 2024 – Present