

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

Relevant Coursework:

- UVA Data Structures & Algorithms
- UVA Data Structures & Algorithms II
- UVA Computer Systems and Organization
- UVA Software Development Essentials
- UVA Software Engineering

EXPERIENCE

Electronic Arts – Respawn Entertainment

Remote

Data Analyst Intern

May 2024 – Aug 2024

- Led planning, development, and implementation of an innovative data-driven solution to automate player collusion detection in *Apex Legends*, a popular video game.
- Programmed SQL scripts to collect collusion-related features for detection model.
- Conducted statistical analysis using Python in Amazon SageMaker.
- Automated daily output of model results in Snowflake, streamlining action process for Security team. Estimated efficiency increase of 500+%.
- Languages/Technologies: SQL, Python, Snowflake, Amazon SageMaker.

UVA Darden School of Business

Charlottesville, VA

Technical Research Assistant (*Decentralized Governance and Digital Asset Prices*)

Sep 2023 – Present

- Developed and implemented Python scripts to collect and visualize digital asset data and relevant financial data to analyze DAO governance structures and their effect on digital asset prices.
- Integrated CoinGecko and Messari APIs and pulled data for 1000+ digital assets.
- Performed regression analysis using STATA.
- Languages/Technologies: Python, Data APIs, NumPy, Pandas, Excel, Stata.

Abrace, Inc.

McLean, VA

Youth Projo Volunteer

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

Software Development: 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)

Charlottesville, VA

Association Treasurer

Aug 2023 – Present

UVA Men's Club Soccer

Charlottesville, VA

Player

Aug 2023 – Present

UVA Data Science and Analytics Club

Charlottesville, VA

Member

Aug 2023 – Present

Google Developer Student Club @ UVA

Charlottesville, VA

Member

Mar 2024 – Present