

# Brendan A. O'Reilly

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## EDUCATION

### Vanderbilt University

*Bachelor of Science in Economics & Computer Science*

Nashville, TN

December 2023

### Bergen County Academies

*Academy for Business and Finance – International Baccalaureate Program*

Hackensack, NJ

June 2020

- GPA: 3.964/4.000 | ACT: 36 (among 0.313% of students worldwide with perfect scores)

## TECHNICAL SKILLS & LANGUAGES

**Programming Languages:** Python, C++, C#, SQL, HTML, CSS, ASP.NET, R

**Languages:** English (fluent), Spanish (fluent)

**DevOps Tools:** Git, GitHub, vROps Suite

## PROFESSIONAL EXPERIENCE

### BlackRock

New York, NY

*Technology – Aladdin Client Services Intern*

June 2023 – August 2023

- Shadowed and assisted Front Office analysts, gaining valuable insights into portfolio management, risk metrics, and security valuation
- Collaborated with Trading & Compliance, acquiring in-depth knowledge of Aladdin's investment lifecycle workflows

### Vanderbilt Institute for Software Integrated Systems

Nashville, TN

*Software Engineer Intern*

August 2022 - present

- Automating multi-testbed 5G networking and cloud computing experiments on the Chameleon and POWDER platforms
- Building visual abstractions through WebGME, a cloud-based modeling tool developed by Vanderbilt University

### UPS

Mahwah, NJ

*Software Engineer Intern (Capacity & Performance Team)*

June 2022 – August 2022

- Developed web API in C#, ASP.NET, and SQL, supporting functionality for capacity team to select, price, and import CSV-format data relating to UPS' 10+ server configuration bundles, decreasing processing time by 98%

### Prestige Institute

Closter, NJ

*Information Technology Intern / Teaching Assistant*

August 2019 – September 2021

- Tutored 200+ students on-site in science, mathematics, and literature, and assisted teachers with grading and data analytics across 4 locations
- Orchestrated the process of virtual instruction during Covid-19 by organizing and teaching lessons to 153 children via Zoom

### Central Park Group, LLC.

New York, NY

*Private Equity Intern*

September 2019 - March 2020

- Accrued market data to analyze risks and advantages of investing in 20+ hedge funds and fund-of-funds
- Evaluated historical economic data via the Bloomberg Terminal to perform research on prospective client investors

## SOFTWARE PROJECTS

### Therapy Manager

January 2022 - May 2022

- Digitized a local therapist's practice through launching an app that allows her to manage 100+ clients with ease through SQL database
- Maximized Python's tkinter package capability for alluring user-interface (roughly 1200-1400 lines of code)

### Secure Password Generator

April 2022 - May 2022

- Pioneered a program using C++ that generates a safe and randomized password for account security
- Strengthened the process of passcode generation, with case-sensitivity, numbers, and special characters listed as options for the user

### Personal Website

May 2022

- Designed an eye-catching, easy-to-navigate, interactive online resumé using custom CSS and HTML

## MEMBERSHIPS

### Out for Undergrad – Tech

San Jose, CA

*Member and Conference Attendee*

June 2022 – present

- Selective program designed for LGBTQ+ students to connect with and learn from 100+ leaders and executives in the tech industry

