

# Devlin Gallagher

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## EDUCATION

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**Rochester Institute of Technology, Bachelor of Science** August 2022 – May 2026

Major: Computer Science & Computational Math | Minor: Chinese Language

**Delaware Valley University, Bachelor of Arts** December 2019 – August 2026

Part-time Student | 3.7 GPA

## EXPERIENCE

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**Ivy Capital Partners, Dublin | Data Analyst Intern** September 2025 – Current

- Implemented automated workflows using JSON in Power Automate with external integrations, improving client engagement and follow-up by 25%
- Prepared slide decks for international clients, utilizing AI agents and prompt engineering to customize objectives for clients, accelerating response time to clients within the business day
- Enhanced Ivy Capital's website for Google SEO rankings and accessibility standards, increasing site traffic by 33%
- Refined data storage to reduce redundancy and improve performance in the client dashboard

**Reporter Magazine, RIT | Systems Administrator** September 2024 – Current

- Developed *Reporter*'s current website and optimized user experience, increasing engagement by over 120% and the user retention rate is 65% over the predicted average
- Managing *Reporter*'s CampusGroups page with current events and members
- Established clear standards for website content and formatting, ensuring consistency across platforms
- Communicate with students and university employees about website goals and features, executing feedback

## CERTIFICATIONS

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**Global Tech Experience - Intercultural Skills** July 2024

*Global Career Accelerator*

**Python & SQL Specialist** August/July 2024

*Global Career Accelerator - Delaware Valley University*

**AccessData Certified Examiner** July 2021 – July 2023

*Norwich University*

## PROJECTS

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**Music Retrieval System | Python | Current**

- Developed an information retrieval system for MIDI files, generating a new way of searching and classifying music
- Drafted a submission to the MCM 2025 conference, with the goal of presenting my work, sponsored by my university

**LinkedIn Network Visualization | Python | 2025**

- Designed a TF-IDF model to determine relevant connections in a user's LinkedIn network

- Relate these terms to each other visually, using a highlighted interactive network graph

#### **Analyzing Website Traffic Data for Grammys Mock Report | Python, Excel | 2024**

- Used real-world data and resources to analyze website traffic of the Grammys and Recording Academy (RA) webpages
- Tasked with examining the impact of splitting up the two websites, and analyzing the data for a better understanding of trends and audience behavior on both sites using KPIs

#### **Intel Mock Report | SQL, Tableau | 2024**

- Co-designed with Intel's Sustainability Team to examine where the next ideal location of a data center should be built based on energy production and usage
  - Determined that the Northwest is the most suitable location, based on the ratio of renewable energy production and the overall energy consumption in the net positives

#### **U-Fund Website | HTML, CSS, JavaScript, Java | 2024**

- Worked in a team to create a U-fund website, using REST API and Software Development Lifecycle as key development tools/processes
- In charge of inner-team communication and organization: kept track of story points for tasks, enforced deadlines, and updating the Trello board through each sprint
- Worked on Front-end development in JavaScript to integrate the website into backend functionality & website styling in CSS