

Justin Scandale

scandale.justin@gmail.com • (724) 931-6775 • [linkedin.com/in/justinscandale](https://www.linkedin.com/in/justinscandale) • github.com/justinscandale

EDUCATION

University of South Florida | Tampa, FL

May 2026

B.S. in Computer Science | GPA: 3.97/4.0

Activities: Judy Genshaft Honors College, College of Engineering, Google Developers Club, Data Science Club

Relevant Courses: Data Structures & Algorithms, Analysis of Algorithms, Database Design, Computer Architecture

Canon-McMillan High School | Canonsburg, PA

May 2022

GPA: 4.37/4.0 | SAT Score: 1510

PROFESSIONAL EXPERIENCE

Washington County IT Department | Washington, PA

Summer 2023 & 2024

Information Technology Intern

- Resolved a high volume of IT support tickets, enhancing response times and overall efficiency in problem resolution.
- Developed and maintained interactive PowerBI dashboards, improving data reporting and data analysis.
- Automated data processing tasks using Python scripts, increasing efficiency and accuracy in handling Excel data.

Penn Commercial Business/Technical School | Washington, PA

Summer 2022

Information Technology Intern |

- Supported daily IT operations and troubleshooting, contributing to smoother operations and reduced downtime.
- Enhanced data visualization in Microsoft Excel, leading to clearer and more actionable reports for decision-making.
- Acquired SQL skills through hands-on training, enabling effective database query and manipulation.

PROJECTS

USF Course Availability Tracker | PYTHON, FLASK, JAVASCRIPT, SQLITE, SMTP

May 2024

- Engineered full-stack web app enabling user account creation, course management, and seat availability tracking.
- Reduced time to check availability for a single course by 50%, with greater time savings for more courses.
- Developed automated notification system using email alerts to keep users informed on seat changes in real time.

Grade-A-Bull | Python, Flask, Beautiful Soup, Pandas, Data Visualization

May 2023

- Developed dynamic visualization tool for USF engineering course grade distributions, featuring interactive graphs, reducing data analysis time by over 40% per query, and assisting students in academic decision-making.
- Implemented web-scraping techniques to efficiently gather course grade distribution data, ensuring high accuracy.

Arduino Robot | C++, ARDUINO

DECEMBER 2022

- Led software development for an autonomous Arduino robot, guiding the project team to achieve an A grade.
- Integrated sensors and programmed autonomous behaviors, enabling effective navigation and task completion

TECHNICAL SKILLS

Programming Languages: Python (Pandas, Beautiful Soup, numPy, Matplotlib), C/C++, Java, SQL, HTML/CSS, JavaScript

Tools/ Technologies: Git, VS Code, PowerBI, Microsoft Suite, Web Scraping, Object-Oriented Programming, SQLite

HONORS / AWARDS

Honors: Dean's list each semester, National Merit Commended Scholar, Pennsylvania Higher Education Assistance Agency Certificate of Merit

Awards: University of South Florida Presidential Scholarship, Italian American Cultural & Heritage Society of Washington County Scholarship