

# Andrew Wang

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Portfolio Website: [andrewdevwang.github.io/portfolio](https://andrewdevwang.github.io/portfolio)

## SUMMARY

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As an aspiring programmer, I'm focused on sharpening practical programming and data analysis skills. I enjoy solving problems that require both technical rigor and an understanding of people. Check out my work on my website — it's linked in the header.

## EDUCATION

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**University of South Florida (USF)** | Tampa, FL June 2021 - May 2025  
Bachelor of Science in Information Science (Data Science & Analytics) | GPA: 3.77

## SKILLS

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**Programming** | Python (Spyder) | R (RStudio) | Java (Apache NetBeans) | SQL (Microsoft Access) | C++ | HTML | CSS (Visual Studio)

**Software** | Tableau | ArcGIS | Canvas | Word | Excel | PowerPoint | Teams | Outlook | Gmail | Git | GitHub | Docker | AWS

## EXPERIENCE

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**Maintenance Technician** | Palais Royale Offices | Saint Petersburg, FL June 2019 - Present

- Designed an effective operating framework, which increased overall yearly tenant satisfaction by 15%
- Developed a new data organization system, improving how we organize and label new and existing data

**Property Coordinator** | Marger Properties | Saint Petersburg, FL July 2019 - December 2024

- Coordinated with tenants and contractors on property projects, monitored progress, and resolved challenges
- Decreased monthly expenses by nearly 10% by utilizing a property upkeep, repair, and replacement strategy

## INVOLVEMENT

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**Student Support Services (SSS)** | Tampa, FL June 2021 - May 2025

- Assisted in interactive events, workshops, and activities for low-income, first-generation students

**Volunteer** | St Vincent de Paul CARES Community Thrift Store | Saint Petersburg, FL January 2019 - December 2020

- Volunteered at my local nonprofit organization, which is committed to ending homelessness

## PROJECTS

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**R (Programming Language)** | DataMart | Airline Tweets

- Used exploratory alongside linear regression and random forest models to analyze Walmart purchasing behaviors
- Created a word cloud utilizing topic modeling analysis on tweet data, transforming insights into high-quality, intuitive visuals

**SQL (Programming Language)** | Database for a Doctor's Office | Database for School

- Determined the most frequent patients, services, and generated appointments for patients and schedules using common data within a hospital or doctor's office
- Queried credits obtained, average GPA by major, whether they were citizens, and what courses each student had

**C++ (Programming Language)** | Cash Register | Card Trick Game

- Implemented case-by-case based loops to track products and calculate purchases, creating a digital receipt
- Prompted logic-based interactive questions with inputs for a card game with arrays and loops, simulating a continuous experience

**Java (Programming Language)** | GUI Calculator | Storm Tracking Data

- Made a graphic user interface calculator application, which includes interactive buttons and a screen that emulates a real-world calculator program
- Performed data retrieval, filtering, and created an organized table to provide the user with relevant data based on their search