

# Salvatore La Marca

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<https://www.linkedin.com/in/salvatorelamarca/> | <https://github.com/SalvatoreLaMarca1> | [salvatore.lamarcaB@gmail.com](mailto:salvatore.lamarcaB@gmail.com)  
<https://salvatorelamarca1.github.io/> | (570)-486-3737 | Danville, PA

## **EDUCATION**

Commonwealth University – Bloomsburg Campus                      Bloomsburg, PA                      May 2025  
Bachelor of Science, Computer Science  
Bachelor of Arts, Languages and Cultures (Spanish)                      Overall GPA: 3.39/4.00  
Minor in Mathematics

## **Tech Work Experience**

Software Development Intern - Software Consulting Services / SN1                      May-August 2024  
Bethlehem, PA

- Integrated Artificial Intelligence in Scoop editorial software for SCS.
- Developed new nodes for Node Editor software for SN1.
- Created new 2D and 3D data visualizations

Tech and Operations Shadowing - WPGM Radio Station                      December-January 2023-2024  
Danville, PA

- Assisted in hardware maintenance of radio station technology.
- Oversaw complex radio technology during operation.
- Utilized unique software developed in-house for WPGM.

## **RELEVANT COURSEWORK**

Data Structures Using C++, Advanced Java, Algorithms & Data Structures, Graphics Programming, Mobile App Development, Machine Learning, Operating Systems, Database Design, Discrete Mathematics, Linear Algebra, Database Design, C and Parallelism

## **SKILLS**

**Programming Languages:** Java, C++, TypeScript, C, HTML, CSS, Kotlin, SQL, Python

**Other Technologies:** Windows, Linux, MacOS, WebGL, GIS, QtCreator, Three.js, Git and GitHub

**Languages:** English (Native), Spanish (B1)

## **PROJECTS**

**Automobile Image Classification:** Python, Jupyter Notebooks, GitHub, VScode, Tensor Flow

- Image classification showcasing understanding of machine learning topics
- A trained Random Forest Model used to analyze given images to determine if it is an automobile

**WRLD Shell:** C, WSL, Debian Linux

- A custom terminal that can perform all basic UNIX commands along with a single pipe and file redirection.
- Made with the theme of traveling shown with custom messages and ASCII art

**Volunteer Manager App:** Android App Studio, Java, xml, Firebase

- Android app for administrators and volunteers to access upcoming volunteering opportunities
- Firebase is used to store new events along with volunteer hours and other user statistics

**Blackjack App:** Android App Studio, GitHub, Java, Kotlin, xml

- Android Blackjack app where the computer acts as the dealer.
- Lead programmer and designer for this group project

**Frogs and Toads App:** Android App Studio, java, xml

- Android app game where a player must swap the positions of “frogs” and “toads” (F and T) on a 3x3, 5x5, or 7x7 board by tapping the piece that they would like to move.

## **JOB EXPERIENCE**

Office Assistant – Global Education Office (Commonwealth University) Bloomsburg, PA	Fall 2024 – Present
<ul style="list-style-type: none"><li>• Scheduled meetings with students for study abroad trips.</li><li>• Provided support to international exchange students.</li><li>• Designed promotional material for office sponsored events.</li></ul>	
Resident Assistant – Residence Life Office (Commonwealth University) Bloomsburg, PA	Spring 2023 – Spring 2024
<ul style="list-style-type: none"><li>• Created an inclusive and safe community for my residents.</li><li>• Executed creative solutions to unique problems my residents were going through.</li><li>• Collaborated with fellow Resident Assistant staff on a daily basis.</li><li>• Organized social and educational programs to provide opportunities for my residents.</li></ul>	
Weis Markets Sales Associate – Weis Markets Danville, PA	November 2022 – January 2023
<ul style="list-style-type: none"><li>• Provided exceptional customer service to improve the experience of each shopper.</li><li>• Communicated directly with clientele throughout the checkout process.</li><li>• Trained multiple new employees from their first day to being independent on the job</li></ul>	

## **ORGANIZATIONS / CLUBS**

Board of Governors – Member	Fall 2021 – Present
Association of Computing Machinery (ACM) Club – Treasurer	Fall 2024 – Present
Study Abroad Mentor	Fall 2023 – Present
Honors College – Member	Fall 2021 – Spring 2024
Community Helpers – Member	Fall 2021 – Spring 2024

## **SCHOLARSHIPS, AWARDS, AND CERTIFICATES**

Board of Governors Academic Scholarship	Commonwealth University	Fall 2021
Gilman Scholarship	U.S. Department of State	May 2023
Professional Experience Grant	Commonwealth University	March 2023
Honors College	Commonwealth University	Fall 2021 – 23