


# Sheila Demonteverde

## Contact

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## Education

B.S. in Software Engineering (In Progress)  
Pennsylvania State University

A.S. in Programming & Software Development  
LaGuardia Community College, 2018-2020 |  
GPA: 3.806

- NASA Community College Aerospace Scholar (NCAS)
- ASAP Valedictorian
- Dean's List (5 semesters)
- Phi Theta Kappa Honors Society

## Technical Skills

- **Languages:** C++, Java, JavaScript, Kotlin, Swift, C#, SQL, PHP
- **Tools & Technologies:** Git, Visual Studio, IntelliJ, Eclipse, VS Code, MySQL, Firebase, Oracle, Unity
- **Other Skills:** Project Management, Database Administration, Web Development

**Languages Spoken:** English, Tagalog, Bisaya, Hiligaynon, Novice Spanish

## References

Rio Guerrero • (646) 545-5000  
Attorney | Guerrero Law Firm

Angel Alcantara • (646) 246-1629  
Attorney | David Katz & Associates



[www.linkedin.com/in/sheilademonteverde/](https://www.linkedin.com/in/sheilademonteverde/)

## WIX

<https://sheilademonteverde.wixsite.com/portfolio>

## Objective

Motivated and detail-oriented aspiring software engineer with strong programming skills and a background in administrative and legal support. Seeking a **Software Engineering Internship** to apply technical knowledge, enhance problem-solving abilities, and contribute to real-world projects in a collaborative development environment.

## Technical Projects

### Simple Calculator – C++:

- Built a console-based calculator supporting basic arithmetic operations.
- ATM Machine with Pin Code – C++
- Created a secure ATM simulation with user authentication.

**Tic Tac Toe Game – Advanced C++ :** Designed a two-player tic-tac-toe game with turn-based logic.

**ATM OOP – Java:** Implemented an object-oriented ATM system handling transactions and balance checks.

**Web Development Projects – HTML, CSS, JavaScript, PHP:** Created multiple web pages and dynamic forms including form validation and server-side scripts.

**Web Development (Full Stack) – PHP, Node.js, MySQL:** Developed full stack apps using back-end scripting and relational databases.

**Android To Do List App – Kotlin:** Developed a to-do list application with persistent storage using Android Studio.

**Database Setup – SQL:** Designed relational schemas and implemented data queries for CRUD operations.

**Index Card App – MIT App Inventor 2:** Built a mobile flashcard app for studying and memorization.

**Haunted Jaunt Game – Unity:** Developed a 2D and 3D adventure game featuring custom assets and interaction logic.

### Cybersecurity & Forensics Projects:

**SQL Injection Exploitation – Kali Linux, sqlmap:** Performed manual and automated SQL injection attacks on a vulnerable web application (bWAPP). Extracted table structures, retrieved user data, and gained shell access using sqlmap.

**TLS Packet Analysis – Wireshark, pcapng:** Analyzed TLS handshake and certificate exchange in packet captures. Identified encrypted session setup, cipher suites, and potential vulnerabilities in SSL configurations.

**Registry & USB Forensics – FTK Imager, WinHex:** Mounted and investigated disk images to extract registry hives and USB connection history. Recovered deleted files and analyzed timestamps for digital evidence.

**OpenVAS Vulnerability Scanning – Ubuntu, Greenbone:** Conducted full and fast scans across multiple IP ranges. Interpreted CVSS scores and generated vulnerability reports.

**File Carving and Hash Verification – Autopsy:** Used keyword search, indexing, and hashing (MD5, SHA-1) to validate file integrity. Recovered JPEGs and documents through hex signature analysis and header/footer carving.

## Administrative and Legal Experience

### Paralegal & Administrative Assistant

**Guerrero Law Firm, PLLC / Guerrero Yee, LLP | New York, NY | May 2014 – Aug 2020**

- Managed immigration case files and conducted legal research for USCIS filings.
- Maintained digital records and performed billing, scheduling, and client communication.

### Legal Assistant

**McCabe Weisberg & Conway | New Rochelle, NY | Jun 2013 – May 2014**

- Performed legal data entry and document organization for court filings

**Administrative Assistant**

***Elm York Home Care Assisted Living | East Elmhurst, NY | Jun 2011 – Oct 2012***

- Provided transcription, scheduling, and clerical support in a high-volume care facility.
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**Professional Strengths**

- Strong written & verbal communication
- Problem-solving and analytical thinking
- Fast learner with adaptability in new environments
- Collaborative team player with leadership potential