

MELISSA MATH

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EDUCATION

La Salle University, Philadelphia, PA
Bachelor of Science Expected May 20XX
Major: **Mathematics** Minor: **Computer Science**

- **GPA: 3.96**
- Awards: Dean’s List (Fall 20XX – Spring 20XX)
- Relevant Coursework: Calculus I–IV, Linear Algebra, **Probability & Statistics**, Discrete Mathematics, Abstract Algebra, Optimization, Algorithms, **OOP (C++, Java, C#)**, .NET Programming, **Databases**

RELEVANT EXPERIENCE

La Salle University Math Department, Philadelphia, PA
Math Tutor Fall 20XX – Spring 20XX

- Helped students overcome foundational gaps in mathematics, enabling them to engage more confidently with upper-level coursework.
- Served as a reliable academic support resource through strong preparation, accuracy, and professionalism.

ACADEMIC PROJECTS

NBA Statistics Dashboard, Philadelphia, PA
Database-centric Application November 20XX

- ▢ Designed a database-driven Web application to analyze and compare NBA team and player statistics, simulate matchups, and calculate game odds.
- ▢ Developed tables with relationships and queries using **C#, .NET, Entity Framework Core, and SQLite** to support the application’s backend and analytics features.
- ▢ Built the admin panel and implemented full CRUD functionality for managing database entities.

Custom Scenario Database, Philadelphia, PA
Design Project November 20XX

- Designed a relational database with multiple entities, relationships, and numeric fields to support queries and analytics.
- Implemented in **SQLite/VS Code**, populated tables with sample data, and created queries with joins, aggregation, and outer joins.

LEADERSHIP & ACTIVITIES

La Salle University Women’s Basketball August 20XX – May 20XX

- Committed 20 hours per week to Division I practices, games, and team obligations while maintaining a full academic course load.
- Volunteered at youth basketball clinics, working directly with children to teach fundamental basketball skills.