

## Jacob Flores

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### Education

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**Illinois Wesleyan University**, Bloomington, IL  
Bachelor of Science, May 2026  
*Major:* Computer Science | *Minor:* Data Science

Cumulative GPA: 3.17/4.0

### Related Coursework

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Computer Science I, Computer Science II, Application of Sets, Logic and Recursion, Mathematical Modeling Statistics

### Related Topics

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#### Computer Science I & Computer Science II

- Proficient in advanced programming languages such as Python and C++.
- Skilled in using programming constructs like variables, loops, conditional statements, functions, and arrays.
- Knowledgeable in advanced object-oriented programming (OOP) concepts such as classes, objects, and inheritance.
- Experienced in using advanced programming concepts and techniques, including algorithms and data structures such as linked lists, trees, and hash tables.

#### Application of Sets, Logic and Recursion

- Skilled in using recursion, including recursive algorithms and recursive functions in Racket.

#### Mathematical Modeling Statistics

- Proficient in using statistical concepts such as probability, distribution, and hypothesis testing.

### Relevant Employment

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**Data Entry Assistant** | *IWU Advancement Office, Bloomington, IL*

June 2023 - Present

- Enter and update data in the University Advancement database.
- Maintain data integrity by ensuring that all data is accurate and complete.
- Assist with special projects and communicate with other departments as needed.

### Certifications & Skills

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- **Data Analytics certificate** (in-progress) | Illinois Wesleyan University December 2023
- **Web Development certificate** | Sololearn July 2023
- Python, C++, HTML, CSS, JavaScript
- Bilingual (Spanish and English)

### Community Involvement

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**Member of Association for Computer Machinery (ACM)** | *IWU Center for Natural Science, Bloomington, IL*

September 2022 - Present

**Student Assistant** | *IWU Social Science Department, Bloomington, IL*

September 2022 - April 2023

**Track and Field Staff** | *IWU Shirk Center, Bloomington, IL*

January 2023 - March 2023

**Maintenance Position** | *IWU Physical Plant, Bloomington, IL*

June 2023 - Present

**Sodexo Dining Services** | *IWU Commons, Bloomington, IL*

June 2023 - Present