


# Flavio Medina Jr.

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## Objective

Motivated Software Development Engineer (SDE) with hands-on experience in Python, Java, SQL, and scalable application development. Skilled in object-oriented design, debugging, and data-driven problem solving. Seeking to join Amazon's Jr. Developer Program – Portland, OR (Dec 2025 cohort) to write real software, collaborate with experienced engineers, and contribute to impactful deliverables while advancing technical expertise through 1:1 mentorship and long-term project ownership. Open to relocation to Portland, OR.

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## Technical Skills

**Languages:** Python, Java, SQL, JavaScript, HTML, CSS, PHP

**Frameworks/Tools:** Node.js, GitHub, Tableau, Pandas, NumPy, Plotly, VSCode, VMware

**Databases:** MySQL, MongoDB, Neo4j

**Systems:** Windows, Linux

**Core Competencies:** Software Development, Object-Oriented Design (OOD), Data Structures & Algorithms, Debugging, Testing, API Integration, Scalable Applications, Data Visualization, Problem Solving

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## Education

**Rochester Institute of Technology (RIT), Rochester, NY**

*Bachelor of Science – Computing and Information Technologies*

*Expected Graduation: May 2026*

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## Project Experience

**Python Fibonacci Visualizer | GitHub**

- Designed and developed a Python program to compute and visualize the Fibonacci sequence.
- Applied recursion and object-oriented programming for efficient computation.
- Built interactive visualizations using Turtle graphics to simplify algorithms.

**Intel – Data Analysis for Sustainable Development**

- Queried and processed large datasets using SQL to uncover insights.
  - Created Tableau dashboards to communicate sustainability metrics.
  - Delivered data-driven solutions that improved stakeholder decision-making.
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## Work Experience

**Frontend Developer Intern**

*Frontend Simplified*

Mar 2025 – Jun 2025

Remote

- Contributed to impactful deliverables by building scalable front-end features using APIs.
- Enhanced user experience through UI improvements and accessibility optimizations.
- Collaborated with engineers in Git-based workflows, practicing real-world version control and peer review.

**Product Tester Intern**

*Maven Technologies, LLC*

Oct 2024 – Jan 2025

Rochester, NY

- Conducted system-level testing for laptops, desktops, and tablets.
- Debugged, troubleshooted, and resolved hardware/software issues, improving product reliability.
- Collaborated cross-functionally, reinforcing ownership and problem-solving in technical environments.