Taylor Rivera

Principal Systems Engineer

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Systems engineer specializing in automation, documentation, and cross-functional leadership within distributed R&D teams.

Profile

Multidisciplinary engineer with experience across software, hardware, and technical communication. This CV demonstrates black and white customization settings.

Experience

Lead Engineer, Omni Labs

- Designed end-to-end automation workflows for LaTeX publishing pipelines.
- Led a cross-functional team delivering multi-document template suites.

Systems Engineer, Aurora Dynamics

- Built simulation models for guidance and navigation control.
- Authored technical reports and process documentation.

Education

- M.S. Engineering, Omni University, 2022
- B.S. Applied Physics, Polaris College, 2019

Skills

Programming (Python, LuaLaTeX), data visualization, technical writing, systems integration.

Here's a code example to show the black and white styling:

```python
def calculate_trajectory(velocity, angle):
    """Calculate projectile trajectory"""
    import math
    g = 9.81  # gravity
    vx = velocity * math.cos(math.radians(angle))
    vy = velocity * math.sin(math.radians(angle))
    return vx, vy
```

Publications

Selected technical articles available upon request.