Taylor Rivera

Principal Systems Engineer

Berlin, Germany

+49 123 456 7890taylor.rivera@example.com

github.com/tayrivera • linkedin.com/in/tayrivera • tayrivera.dev

Experience

Lead Engineer, Omni Labs, Berlin, Germany | 2022–Present

- Designed automation workflows for LaTeX pipelines, reducing processing time by 60% and improving consistency across 50+ projects.
- Led 8-engineer team delivering template suites, increasing client satisfaction by 40%.
- Developed Python scripts for data processing (10,000+ points/project) and visualization.
- Collaborated on requirements for aerospace documentation delivery.

Systems Engineer, Aurora Dynamics, Munich, Germany | 2019–2022

- Built simulation models for control systems with 95% accuracy.
- Authored technical reports and documentation, reducing onboarding by 30%.
- Conducted integration testing, resolving 25+ critical issues.
- Mentored junior engineers on best practices.

Projects

Automated LaTeX Pipeline 🔗

Developed automated LaTeX system with GitLab CI/CD integration, reducing build times from 2 hours to 15 minutes and eliminating manual errors.

Education

- M.S. Engineering, Omni University, Berlin, Germany, 2022
  Thesis: "Advanced Automation Techniques in LaTeX Document Processing"
  GPA: 3.8/4.0
- B.S. Applied Physics, Polaris College, Munich, Germany, 2019
  Minor: Computer Science, GPA: 3.7/4.0

Skills

- **Technical:** Python, Lua, LaTeX, MATLAB, C++, Git, Docker, Jenkins, Simulink, AutoCAD, Pandas, NumPy, Statistical Modeling
- **Soft:** Leadership, Technical Communication, Problem-Solving, Cross-Functional Collaboration
- **Domain:** Systems Engineering, Automation, Aerospace Systems, Quality Assurance

Certifications, Awards, and Memberships

- **Certifications:** CSM (2023), PMP (2021), AWS Solutions Architect Associate (2020), Six Sigma Green Belt (2019)
- **Awards:** Employee of the Year (Omni Labs, 2023), Innovation Award (Aurora Dynamics, 2021), Outstanding Contribution (Engineering Society, 2020), Dean's List (2018–2022)
- **Memberships:** IEEE (since 2019), ASME (since 2018), VDI (since 2022)

Languages

- English (Native), German (Professional), French (Intermediate)

References

Available upon request.

Additional Information

- **Professional Development:** Continuous learning in emerging technologies, including AI/ML applications in engineering.
- **Volunteer Work:** Technical mentor for university engineering programs, STEM outreach coordinator.
- **Publications:** Co-author of 3 technical papers on automation systems and control theory.
- **Patents:** Contributor to 2 filed patents in aerospace control systems.