

PROFILE

Software engineer with experience designing, building, and maintaining production dashboards, internal applications, ETL pipelines, and reliability-focused systems in a high-availability financial technology environment. Skilled in Python, SQL, Java, C, C++, and R, with a strong computer science and mathematics foundation.

PROFESSIONAL EXPERIENCE

**Software Engineer** Aug 2022 – May 2025  
Millennium Management · Miami, FL

- Designed, built, and maintained production dashboards, applications, and ETL pipelines supporting trading and business technology teams.
- Monitored and maintained mission-critical applications, proactively identifying performance and reliability issues to reduce downtime and operational risk.
- Improved system stability and scalability through stronger monitoring, alerting, and ongoing maintenance practices.
- Collaborated with Information Reliability and Rapid AI Development teams to deliver data workflows and infrastructure used for AI training and model deployment.
- Built and supported data ingestion and visualization pipelines for at-home health monitoring initiatives, ensuring accuracy, reliability, and operational usability.
- Owned Webex analytics and reporting solutions, transforming raw collaboration data into actionable insights for senior leadership.

**Federation of Club Sports Council Member** Aug 2021 – May 2022  
Herbert Wellness Center · University of Miami

- Managed and allocated a \$75,000+ annual budget across multiple club sport organizations.
- Coordinated with club presidents to plan events, approve funding, resolve operational issues, and support online member services.

EDUCATION

**University of Miami** Jun 2022  
B.S. Computer Science & Mathematics  
GPA: 3.83 · Miami, FL

TECHNICAL SKILLS

**Languages** Python, SQL, Java, C, C++, R  
**Engineering** Internal applications, ETL workflows, data pipelines, dashboards, monitoring, alerting  
**Systems** Linux, Windows, Visual Studio, production support, reliability engineering

LEADERSHIP & COMMUNICATION

**President, University of Miami Club Running.** Led team operations, practices, events, and member communication; represented club interests at the university council level.  
Experienced translating technical work for non-technical stakeholders and helping coworkers learn computer science concepts, new systems, and remote development environments.