

**Jaehoon Song**  
402 Suwanee Oaks Dr NE  
30024, Suwanee  
Georgia  
📱 +1 (470) 350 8926  
✉️ jsong421@gatech.edu  
🌐 [github.com/JaehoonSong12](https://github.com/JaehoonSong12)

**Hiring Manager, Human Resources Division**  
*Siemens Industry, Inc.*

October 26, 2025

Dear Hiring Manager,

I am writing to express my interest in the Automation Genesis — Discrete Engineering Track at Siemens Digital Industries. I hold a B.S. in Computer Science (graduation: [Month Year]) and bring extensive hands-on experience building desktop, web, and mobile applications. My background centers on full-stack development, backend systems, telemetry and data pipelines, and Linux customization and tooling. I also have practical systems experience in C programming and operating-system concepts, which gives me a solid foundation for interacting with hardware and low-level interfaces.

While my formal background has not focused on PLC programming or IEC 61131-3 ladder logic, I have strong low-level and systems skills (multithreading, memory management, device I/O basics) and a proven ability to learn new engineering tools quickly. I am confident that the structured training in the Automation Genesis program will enable me to become productive with PLCs, VFDs, and motion-control workflows. I am particularly excited by Siemens' emphasis on IIoT and software-driven transformation, where my experience with telemetry pipelines, networking basics (including MQTT/REST), and software integration can provide immediate value.

Key strengths I bring:

- Rapid software learning curve and broad language/tool fluency (Python, C#, C/C++, Java, JavaScript).
- Systems thinking with Linux customization, C systems programming, and performance profiling experience.
- Cross-functional collaboration with QA, DevOps, hardware teams, and product stakeholders.
- Commitment to start on **June 8, 2026**, willingness to relocate, and availability for project travel.

I welcome the opportunity to discuss how my software and systems background can contribute to Siemens' Automation Genesis program. Thank you for considering my application — I look forward to the chance to grow into industrial automation and to contribute to customer-facing engineering solutions.

Fast learner for domain-specific tools; eager to apply software and systems skills to industrial automation. Available to start **June 8, 2026**; willing to relocate and travel as required.

Asmir Mehic, Siemens AG, Model Shop & AM Center Supervisor

Sincerely,

**Jaehoon Song**

*Enclosure: CV*