

# Dominic Galiano

240-838-0080 | [dgaliano@utexas.edu](mailto:dgaliano@utexas.edu) | [linkedin.com/in/dominic-galiano/](https://www.linkedin.com/in/dominic-galiano/) | [github.com/dominicgaliano](https://github.com/dominicgaliano)

## EDUCATION

### Georgia Institute of Technology

*Master of Science in Computer Science*

Atlanta, GA

Aug. 2024 – Present

### The University of Texas at Austin

*Bachelor of Science in Chemical Engineering, Minor in Computer Science*

Austin, TX

Aug. 2019 – May 2023

## EXPERIENCE

### Software Engineer

*Deloitte*

February 2023 – Present

*Boston, MA*

- Designed and developed a metadata onboarding pipeline comprising of five C# microservices using ASP.NET, Entity Framework, and GKE to support a terabyte-scale data archival system
- Led a pod of developers, conducting weekly code reviews and providing technical mentorship to ensure high-quality, on-schedule deliverables
- Collaborated with technical and non-technical client stakeholders to resolve integration challenges, align development with compliance regulations, and ensure long-term scalability and cost savings
- Developed an LLM-powered chatbot with Gemini 1.5 Pro and Gradio to automate new hire onboarding tasks such as document submission and status tracking, reducing manual support interactions by an estimated 75%

### Software Engineering Intern

*Samsung Semiconductor*

May 2022 – August 2022

*Austin, TX*

- Designed a full-stack web application using Django and React to monitor and visualize real-time manufacturing conditions, reducing daily task time by 90% for a team of 7 engineers
- Integrated backend code with Samsung's private cloud to enable real-time aggregation of process data, improving data accessibility and analytics capabilities
- Collaborated with process engineers to build an exhaustive digital knowledge base using Confluence for new engineers, technicians, and management in preparation for workforce expansion

### Plant Operations Engineering Intern

*Air Liquide*

June 2021 – August 2021

*Los Angeles, CA*

- Designed and oversaw implementation of a critical emergency management of change (MOC) procedure to allow for altered hot start-up in the aftermath of compressor damage
- Managed implementation of parallel fuel strainer that reduced planned outage rate sixfold

## PROJECTS

### Homebase App | *Swift, Firebase, Git*

August 2022 – Dec 2022

- Developed an iOS app using Swift and Firebase to enhance roommate collaboration and communication, featuring chore and event reminders, a shared shopping list, and task tracking
- Used CoreData for local data storage, UIKit for intuitive UI design, and EventKit for calendar integration

## TECHNICAL SKILLS

**Languages:** C#, Java, Python, C/C++, Go, Swift, JavaScript/TypeScript, SQL (PostgreSQL), HTML/CSS

**Frameworks:** ASP.NET, Entity Framework, Spring Boot, Hibernate, Express, React, Redux, Next.js, Svelte, Django, Flask, FastAPI

**Tools and Infrastructure:** Kubernetes, Docker, Github Actions, gRPC, Nginx, Redis, PostgreSQL, GDB, Make, Git, Linux (Amazon, Ubuntu, Debian)

**Libraries:** Protocol Buffers, Langchain, Pandas, Matplotlib

**Certifications:** AWS Certified Cloud Practitioner, Google Cloud Associate Cloud Engineer