

Dominic Galiano

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EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science

Atlanta, GA

Aug. 2024 – Ongoing

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 offshore 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 the pipeline with compliance regulations, and ensure long-term scalability and cost savings
- Developed an LLM-powered chatbot using Gemini 1.5 Pro and Gradio to streamline onboarding workflows for new hires, automating structured tasks such as status tracking and document submission, 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