

DLET HABTEMARIAM

(972) 999-3094 • habdlet@gmail.com • <https://www.linkedin.com/in/dlet-habtemariam/> • dlethab.github.io

EDUCATION

Bachelor of Science in Computer Science, University of Texas at Dallas

Graduation: December 2025

SKILLS

Technical Skills: Python, SQL, Java, C++, Javascript, Bash/Shell Scripting

Tools & Frameworks: Docker, Kubernetes, Kafka, REST APIs, Flask, .NET Core, Spring Boot, PostgreSQL, SQL Server, Node.js, Git, Grafana, Power BI, Celonis, Nagios, React, Next.JS

Concepts: CI/CD, Agile, Event-Driven Architecture, Unit Testing, Integration Testing, Microservices

WORK EXPERIENCE

Software Engineer Intern

May 2024 - Aug 2024

Chartbeat

New York City, NY

- Built internal monitoring and observability system for **Generative AI** tool, providing insights into system performance, and reducing issue detection time by **80%** using **Kafka**, **time-series data**, **Nagios alerts**, and a **Grafana** dashboard
- Designed data scraping solution to detect and bypass login-gated pages using **Python** and **PostgreSQL** to reduce data scraping failures by **70%**

Software Engineer Intern

May 2023 - Dec 2023

Ericsson

Frisco, TX

- Automated QA testing framework and deployed onto **CI/CD** pipeline using **Gitlab**, **Docker** and **Kubernetes** to save developers ~2 hours a week in QA, displayed testing results to Allure dashboard
- Wrote documentation & reintegration guide for other development teams to easily adopt

Software Engineer Intern

May 2022 - Aug 2022

Thermo Fisher Scientific

Carlsbad, CA

- Led automation efforts for critical financial processes by designing **Celonis Process Mining** graphs to track and visualize bottlenecks and inefficiencies
- Developed **Python** and **SQL** solutions to reduce data workflow errors, delivering **15%** improvements on data quality

Software Engineer Intern

Feb 2021 - May 2022

Crane (Davaco)

Dallas, TX

- Built **SQL Server data warehouse** to aggregate business transactions across **4,000+ employees**; built automated ETL workflow to integrate Oracle data
- Led SQL reporting infrastructure transformation from SSRS to **Power BI**, cutting time for analysts to make key insights

PROJECTS

iOS Messages with Music Themes | SwiftUI, MusicKit, Spotify Web API

- Designed and developed iMessage extension that sets UI theme to artist's Live Art from Spotify & Apple Music
- Runs theme change protocol when shared music is played in Messages app

Soccer Themed Portfolio Website | React, Tailwind, Git

dlethab.github.io

- Portfolio site to display my experiences and accomplishments in a fun and interactive way

Dial In | Flask, Python, OpenAI API

<https://dialin.fun>

- Creator and developer; Cryptic number-decoding game with hundreds of plays and **80% user retention rate**
- Researched and developed precise length control solution for LLM to generate multi word phrases of length 10

NSBE Chapter Website | Javascript, Bootstrap, HTML, CSS

<https://utdnsbe.vercel.app>

- Designed a comprehensive UI for the UTD NSBE chapter website, enabling **100+ members** to stay more active and well connected within our organization

AWARDS

HackNY Fellowship

Summer 2024

- Selected as **1 of 20 fellows** for a prestigious NYC based tech fellowship with less than a 3% acceptance rate
- Engaged with tech founders, CEOs, CTOs, civic leaders, and engineers from the NYC startup ecosystem

LEADERSHIP EXPERIENCE

Finance Chair & Board Member

August 2022 – May 2024

National Society of Black Engineers, UT Dallas Chapter

Dallas, TX

- Raised over **\$6,000** in chapter funds through corporate outreach, local fundraising, and scholarships
- Led a **STEM focused Lego Robotics camp** for low-income middle school students in Dallas; taught functional programming skills and basic robotic hardware using Lego Spike Prime kits