

# DLET HABTEMARIAM

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

## EDUCATION

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

Class of 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

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

## WORK EXPERIENCE

Software Engineer Intern

May 2024 - Aug 2024

Chartbeat

New York City, NY

- Improved platform observability by implementing 10+ real-time alerts via **Nagios** and building centralized **Grafana** dashboards used across engineering; **reduced issue detection time by 80%** and supported Agile sprint planning, code reviews, and cross-functional collaboration
- Designed solution to **reduce data scraping failures by 70%** by engineering a scalable backend solution in Python to bypass login-gated content; developed and deployed RESTful APIs and integrated **Kafka-based streaming** to support **AI-driven** content processing in real-time

Software Engineer Intern

May 2023 - Dec 2023

Ericsson

Frisco, TX

- Built and maintained **CI/CD pipelines** using **GitLab, Docker, and Kubernetes** to automate deployment workflows and reduce integration errors; Engineered a reusable QA testing framework with Allure dashboards and Helm-based test environments, accelerating delivery cycles by 10%
- Developed microservices that leveraged **Kafka for event-driven messaging** and **PostgreSQL for persistent storage**; wrote internal documentation and reintegration guides adopted across teams; contributed to **Agile** sprints, code reviews, and testing coverage improvements

Software Engineer Intern

May 2022 - Aug 2022

Thermo Fisher Scientific

Carlsbad, CA

- Delivered **15–25% improvements** in financial workflows by building interactive Celonis dashboards that visualized bottlenecks and process inefficiencies across enterprise systems
- Automated recurring reporting pipelines using **Python and SQL**, **reducing manual intervention by 80%** and enabling data-driven decision-making across operations and finance teams

Software Engineer Intern

Feb 2021 - May 2022

Crane (Davaco)

Dallas, TX

- Built and maintained a **SQL Server data warehouse** to aggregate business transactions across **4,000+ employees**; implemented data models and **automated ETL workflows** to improve analytics reliability
- Migrated reporting infrastructure from SSRS to **Power BI**, reducing business processing time by **30%** and enabling real-time insights for cross-functional stakeholders

## PROJECTS

<https://dialin.fun>

- Creator and developer; Cryptic number-decoding game with hundreds of weekly users and **80% user retention rate**
- Integrated a custom **AI agent** using OpenAI API and Python to auto-generate phrases monthly

utdnsbe.com

- Designed a comprehensive UI for the UTD NSBE chapter website, enabling **100+ members** to stay more active and well connected within our organization– Skills: Node.js, Javascript, Bootstrap

## 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; taught functional programming skills and basic robotic hardware using Lego Spike Prime kits