Daniel Thomas

516-591-9249 | diggyzar@bu.edu | linkedin.com/in/daniel-g-thomas/ | github.com/diggygeorge

Education

Boston University Boston, MA

Bachelor of Arts in Mathematics and Computer Science *Expected May 2027*

- **GPA:** 3.94 (Dean's List x4)
- **Relevant Coursework:** Distributed Systems, Database Systems, Data Structures and Algorithms, Theory of Computation, Mathematical Statistics, Probability, Programming Languages, Computer Systems, Linear Algebra

Technical Skills

Front-End: React, Next.js, JavaScript, TypeScript, HTML, CSS, Material-UI, Tailwind CSS
Back-End: Java, Python, Go, Node.js, Express.js, Spring Boot, Flask, OCaml, C
Data: SQL (Postgres, MySQL, SQLite), MongoDB, Supabase
Cloud & DevOps: Docker, Google Cloud Platform, Git, Figma

Experience

Incoming Software Engineering Intern Oct. 2025

Boston University Information Services & Technology *Boston, MA*

- Selected for upcoming internship in Client Technology Engineering, focusing on scalable software and data infrastructure within Boston University's IT organization

Director of Operations Jan. 2024 – Present

Upsilon Pi Epsilon *Boston, MA*

- Manage the full lifecycle of 2-3 student-led computer science workshops per semester with a 5 person team, increasing student engagement by 50% by implementing a 6-week preparation process
- Streamline member recruitment process to 30 days by screening 45 candidates per semester and facilitating behavioral and technical interviews with 15 applicants, ensuring a constant influx of qualified members

Information Technology Support Specialist Sep. 2023 – Sep. 2025

Boston University Information Services & Technology *Brookline, MA*

- Resolved 500+ technical issues for IT and classroom equipment across 5 campuses with 90% first-call resolution rate, ensuring reliable technology performance for students and faculty
- Oversaw distribution of 50+ student loaner laptops, reducing turnaround time to 10 minutes through optimized check-out/check-in workflows

Projects

MyFitnessTerrier | *Python, Next.js, Typescript, MongoDB* Apr. 2025 – Sep. 2025

- Built a nutrition tracking application using **Typescript**, enabling users to sort and filter 600+ menu items from 5 Boston University dining halls by 10 nutrients, 4 dietary tags, and 9 allergens
- Reduced API call time by 75% by restructuring daily API calls to extract nutrition data with **Python** and **Github Actions**, storing them in **MongoDB**, ensuring accurate, up-to-date results
- Implemented a cart feature with **Next.js** for users to add and track menu items, improving meal planning efficiency for 20+ active users

Whispers | *Next.js, React, Prisma ORM, Supabase, Google Maps API* Oct. 2025

- Developed a geolocation-based social web app at **BostonHacks** using **Agile** methodology, letting users discover real-world messages by integrating **Google Maps API** with live user tracking and location-based rendering
- Built full-stack architecture using **Next.js**, **Supabase**, and **Prisma ORM**, implementing a dynamic map interface that processed 100+ real-time updates per session

Global Income Score | *Node.js, Typescript, Supabase, MySQL, Express* Mar. 2025 - Jul. 2025

- Developed a **RESTful API** with **Node.js** and **Express** to serve affordability metrics by region through regional price parities, providing relocation information between any two U.S. Metropolian areas
- Standardized cost of living data from 400+ U.S. metropolitan areas through U.S. Census and BEA datasets, formatting them through Excel and **MySQL Workbench**, maintaining accuracy of affordability scores