DANIEL THOMAS

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EDUCATION

Boston University| Boston, MA

Bachelor of Arts: Mathematics and Computer Science   May 2027
- GPA: 3.94/4.0
- Relevant Coursework: Mathematical Statistics, Theory of Computation, Probability, Geometric Algorithms, Analysis of Algorithms, Concepts of Programming Languages, Computer Systems, Data Structures, Discrete Math

EXPERIENCE

BU IT Help Center| Brookline, MA   Sep 2023 - Present
IT Support Specialist
- Identified and solved various hardware and software issues for a wide variety of equipment such as desktops, laptops, printers, projectors, and smart podiums across 5 different campuses
- Managed distribution of 50+ student loaner laptops and streamlined device repair processes

EXTRACURRICULAR ACTIVITIES

Upsilon Pi Epsilon - Director of Operations   Jan 2024 - Present
- Trained with fellow peers in computer science honor society in 4+ events per semester featuring professional figures
- Facilitated behavioral and coding interviews with new applicants, screened and shortlisted 20+ candidates per semester, mentored one individual per semester through monthly career and academic guidance sessions

AI Society - Member   Sep 2024 - Present
- Implemented neural networks and reinforcement learning in Java and engaged in seminars with professional developers and engineers
- Increased awareness of BU's first AI Hackathon by 20% through strategic social media campaigns and promotions

PROJECTS

Dreamcatchers - Supabase, Next.js, Typescript   Jun 2025 - Present
- Developed a full stack CRUD application allowing users to log unlimited dreams into journal entries, implementing user authentication with password protection
- Implemented realtime updates, adding and removing entries, and user profile creation through Supabase
- Implemented row level security to support both public and private entries, so anonymous users can view public dreams while restricting private dreams to authenticated users

MyFitnessTerrier - Python, Next.js, Typescript, MongoDB   Apr 2025 - Jun 2025
- Designed a full-stack nutrition tracking app allowing users to filter and sort 100+ daily menu items from 5 Boston University dining halls by calories, protein, and 8 other nutrients
- Automated daily web scraping and extraction of nutrition data, storing structured output in MongoDB
- Designed an intuitive and responsive UI, enabling dynamic filtering by 4 dietary tags (e.g., vegan, halal) and 9 allergens (e.g., peanuts, egg) with cart functionality

Global Income Score - Node.js, Typescript, MySQL, Express   Mar 2025 - Jun 2025
- Developed a RESTful API with Node.js and Express to serve affordability metrics by region and household type through regional price parities, enabling dynamic cost comparisons across regional-scale locations
- Collected and standardized cost of living data across 400+ U.S. metropolitan areas through U.S. Census and BEA datasets, ensuring consistency and regional accuracy

SKILLS

Programming Languages: Java, Python, SQL, OCaml, HTML, CSS, Typescript, C, Assembly
Frameworks: TensorFlow, Flask, Supabase, Node, Next, Express, React, MongoDB, Tailwind CSS, Figma
Languages: English (fluent), Malayalam (proficient), American Sign Language (intermediate)