DANIEL GEORGE

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EDUCATION

Boston University| Boston, MA

Bachelor of Arts: Mathematics and Computer Science   Dec 2026

- GPA: 3.98/4.0
- 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

LEADERSHIP & ACTIVITIES

FIRST Robotics Team 1468| Hicksville, NY   Sep 2019 - Jun 2023

Vice President

- Led initiatives to enhance newcomer-friendliness, boosting participation by 15% while fostering an inclusive environment
- Applied Java to enhance swerve drive capabilities, contributing to regional competitions and advancement to 2023 FIRST Robotics Competition World Championship

EXTRACURRICULAR ACTIVITIES

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

Upsilon Pi Epsilon - Member   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

PROJECTS

AI Therapist - TensorFlow, Flask, AJAX, GCR, GitHub Actions   Aug 2024 - Present

- Created and developed a machine learning model using TensorFlow based on 400,000 tweets to decipher between 6 emotions—joy, sadness, fear, anger, surprise, and love - with 95% accuracy
- Built and containerized a Flask-based web application using Docker, integrating AJAX, HTML, and CSS to dynamically detect user emotions and return one of 50 tailored quotes
- Achieved automatic deployment time of under 10 minutes through CI/CD pipelining

BU Fit Finder - Python, Next.js, Typescript, and MongoDB   Oct 2024 - Nov 2024

- Designed a nutrition calculator at BostonHacks tracking 10 nutrients from all 5 BU dining halls, impacting dietary insights for thousands of students
- Utilized Python to automate web scraping, transforming dining hall data into structured JSON files; stored data in MongoDB and collaborated on UI/UX design using TypeScript and CSS

SKILLS

Languages: Java, Python, OCaml, HTML, CSS, Javascript, Typescript, C, Assembly
Frameworks: TensorFlow, Django, Flask, React, MongoDB, Tailwind CSS, Google Cloud Run, GitHub Actions