

# 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 machine learning concepts 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 targeted promotion

Upsilon Pi Epsilon - Member

Jan 2024 - Present

- Trained fellow peers in computer science honor society in 4+ events per semester featuring professional, relevant figures
- Facilitated behavioral and coding interviews with new applicants, screened and shortlisted 20+ candidates per semester

## 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, C, Assembly

*Frameworks:* TensorFlow, Flask, AJAX, MongoDB, Google Cloud Run, GitHub Actions