

Gautom Das

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EDUCATION

University of Maryland, College Park

Aug 2020 – May 2024

Bachelor of Science in Computer Science and Math | GPA: 3.7

College Park, MD

- Studied abroad junior year in **Spain** at **Universitat Pompeu Fabra** learning Spanish and working part-time at a startup.
- **Awards & Honors:** Honor's Student part of the Advanced Cybersecurity Experience and awarded the full **Banneker Key Scholarship** —a four year merit-based scholarship awarded to 0.02% of undergraduate students at UMD.
- **Coursework:** Algorithms and Data Structures, Object Oriented Programming I and II, Linear Algebra, Multivariable Calculus, Differential Equations, Statistics I and II, Probability Theory, Functional Programming, Real Analysis

EXPERIENCE

Yext

June 2023 – Present

Software Engineering Intern

New York City, NY

- Currently working on expanding the the organization's ETL framework by integrating internal systems to streamline data ingestion and transformations.

Tradeasy

January 2023 – April 2023

Software Engineering Intern

Barcelona, Spain

- Wrote a full stack application in **React, Express, Node, and SQL** for managing and merging multiple databases.
- Helped make webscraping tools to streamline their CRM interface and provide real-time updates.
- Learned to communicate with the team in Spanish and helped provide internal documentation in English.

Yext

June 2022 – August 2022

Software Engineering Intern

Washington, D.C.

- Worked on Yext's Search back end development team to provide a customize AI search experience for companies.
- Helped migrate the old query suggest architecture, in **Java**, to a more horizontally scalable system with new features.
- Learned about distributed systems, message queueing, and databases by creating **MySQL** tables, making **RabbitMQ** exchanges to listen for updates, and adding new **gRPC** endpoints for more API functionality.
- Experienced the dev lifecycle using build tools (**Bazel**), version control with **Git/Gerrit**, and a scrum workflow (**Jira**).

Capital One

June 2021 – October 2021

Software Engineering Intern

McLean, VA

- Worked on the second most starred —**at 873 stars**— public, **open source** repository: the Data Profiler, a **Python** library that allows for various file types to be opened and analyzed in Python as a **DataFrame**.
- Grew functionality to include input String and Byte streams at scale to the python library. Additionally, improved the handling of buffers in the back end.

Immuta (Series D Startup)

June 2021 – August 2021

Software Engineering Intern

College Park, MD

- Hands on experience with full-stack development at a startup: a **AngularJS, NodeJS, and PostgreSQL** tech stack.
- Shipped multiple feature upgrades and bug fixes in the v2021.3 release.

Assured Global Consulting LLC

January 2021 – December 2022

Director of Marketing

Washington, D.C.

- Founded an international education consulting company providing a-la-carte admissions services that partnered with **three international organizations** and individuals in **seven countries**.
- Managed the website that serves over 100 visitors a day built with **NextJS** using **Stripe** for payments.

PROJECTS

blair3sat 501(c)(3)

- Founded and **led a team of 30 individuals** focused on developing, funding, and launching a cube satellite project.
- **Raised over \$10k** in funding and **published** in the *AIAA Conference on Small Satellites*.

SKILLS

Languages : Java, Python, C, OCaml, SQL, Rust, JavaScript (& TypeScript), C++, Go, Solidity, Bash, Ruby

Tools/Frameworks : Git, Docker, Tensorflow/Keras, PyTorch, Pandas, React.js, Node.js, UNIX (& Networking)