

# Rohit Biswas

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## EDUCATION

### Columbia University

Bachelor of Science in Computer Science

Manhattan, NY

Expected May 2027

### Fordham University

Bachelor of Science in Engineering Physics

Bronx, NY

Aug 2022 - May 2025

## SKILLS & CERTIFICATIONS

**Languages:** HTML • CSS • JavaScript • Java • Python • Swift • SQL • C++ • C#

**Technologies:** AWS, GCP, React, Bootstrap, REST APIs, Langchain, Docker, JupyterNotebook, iOS, Git, Bash

**Certifications:** **CodePath**- Intermediate Web Development, **Goldman Sachs**- Software Engineering Job Simulation, **Google**- Foundations of Cybersecurity, **Mastercard**- Cybersecurity Job Simulation, **CrowdStrike**- Incident Responder

## EXPERIENCE

### Cybersecurity Intern

Jun 2025 – Present

NYCHA

Manhattan, NY

- Resolved **20+** security incidents by triaging alerts in Splunk Enterprise Security, escalating legitimate threats to senior analysts, and reducing investigation turnaround time by **40%** with a reusable Splunk search template.
- Reduced open dynamic scan findings by **30%** in 6 weeks by leveraging Veracode Dynamic Analysis (DAST) to identify vulnerabilities in externally-facing web applications and generate actionable remediation reports.
- Improved detection accuracy in DCSync alerts by resolving a Splunk parsing issue, ensuring proper field extraction and eliminating false positives.

### Software Engineering Mentee

Sep 2024 – Present

CodePath

Remote

- Engineered **HobbyHub**, a community chat platform, with **Vite React** and **Supabase**, enhancing the user experience by optimizing navigation and user interface design.
- Designed a web-based character customizer for the Codepath community, facilitating unique character creations using **Supabase** and **advanced routing**.
- Developed **MarvelDash**, a customizable dashboard, to explore **80,000+** Marvel characters using Vite React, Marvel API, and Recharts; optimized navigation and visualization, achieving an **18% increase** in object load times.

### IT Engineer

May 2023 – Jun 2025

Fordham University

Bronx, NY

- Spearheaded the coordination and deployment for enterprise platforms including PowerFAIDS, CrowdStrike, SPSS, LANDESK, and Hyland OnBase Unity Client by utilizing strategic planning and coordination techniques.
- Achieved enhanced cybersecurity and remote support capabilities as measured by successful virus remediation, remote technical assistance via LogMeIn, and comprehensive staff training on phishing mitigation, utilizing tools like Macrium Reflect, FreshDesk, FreshService, EasyVista, and LogMeIn.
- Improved inventory management and support efficiency by maintaining accurate records in FreshService, Google Sheets, and Excel, and producing video tutorials for common technical issues, ensuring timely support and resource allocation.

### Engineering Lead

Jan 2023 – May 2025

Society of Physics Students at Fordham University

Bronx, NY

- Spearheaded key initiatives including a mini muon detector and a high-end **\$3000** speaker project, demonstrating versatility and adaptability in engineering leadership.
- Developed and taught practical skills in wire cutting, soldering, and woodworking to **20+** new club members, directly contributing to the assembly and fine-tuning of project components.
- Administered project budgets up to **\$5000** effectively, employing tools like Excel and Google Sheets for accurate financial tracking and reporting.

## PROJECTS

### R2D3 | C++, Arduino, SolidWorks, TinkerCAD | [GitHub](#)

- A proof-of-concept solar tracker that automatically orients a photovoltaic panel in two axes to maximize sunlight exposure. Built with an Arduino Uno, hobby servos, a solar panel sensor, and custom PLA-printed parts modeled in SolidWorks.

### HobbyHub | HTML, CSS, JavaScript, React, Supabase, React Router, Recharts | [GitHub](#)

- A community chat platform built with Vite React, optimizing performance and UI using Supabase, Recharts, and advanced routing.

## LEADERSHIP & AFFILIATIONS

CodePath | Community Member

Aug 2024 – Present

Fordham University | Machine Learning and Artificial Intelligence Club (MLAI)

Jan 2023 – May 2025

Fordham University | Society of Physics Students (SPS)

Aug 2022 – May 2025

CyberStart | National Cyber Scholarship Scholar

Jun 2022 – Aug 2022