

Dipesh Bhattarai

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Education

Duke University

2138 Campus Drive, Durham, NC, 27708 | (919) 684-8111

B.S: Economics (Focus in Financial Economics)

B.S: Computer Science

2026-2030

Eastern Technical High School

1100 Mace Ave, Essex, MD 21221 | (443) 809-0190

Information Technology: Networking Pathway

2022-2026

- GPA: 3.96/4.00, Weighted: 5.66/6.00
 - Dual Enrollment at Community College of Baltimore County (GPA:4.00/4.00)
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Professional Experience

ST Engineering (MRAS| Aerospace Engineering / Data Analytics Apprentice

- Built facility maps and autonomous inspection programs using Boston Dynamics Orbit Spot SDJ Autonomy Services to support autonomous navigation
- Authored remote connectivity documentation for Boston Dynamics Spot; established a permanent company-wide protocol for remote engagement with robotic systems.
- Synthesized complex sensor output through iterative Excel modeling for multipoint analysis On engine nacelle systems.
- Calculated stress-test strain gauge data using trigonometric models to predict mechanical stress.

Supervisor: Howard Simon

(410) 683-1500

Howard.Simon@mras.com

09/2025 - 05/2026

Kumon Institute Education Co. Ltd | Education Assistant

- Managed digital platforms for over fifty online students to ensure smooth operations
- Organized student records and schedules while leading tutoring sessions for over one hundred students.

Supervisor: Mark Folkmann

(410)570-8572

perryhall_md@ikumon.com

04/2024 - 08/2024

Skills & Certifications

- Analytical & Data: Advanced Excel (Power Query, Data Modeling, DAX, XLOOKUP), Python (Automation, Modbus), TypeScript, SQL, MobaXterm.
 - Infrastructure & Security: Azure Server Deployment, Kubernetes (K8s), Database Hardening (RLS), Middleware Architecture, VMWare.
 - IT Systems & Support: Windows 10 and Windows Server environments. Able to configure systems, manage user accounts, troubleshoot hardware/software, and deploy applications. Experienced with VMWare and basic command line tools.
 - Networking & Cybersecurity: Solid understanding of IP addressing, DNS, DHCP, subnetting, and routing.
 - Tools & Platforms: Excel, Google Workspace, Python, VMWare, Cisco Packet Tracer, Wireshark, Lucidchart, draw.io
 - Certifications:
 - Cisco Certified Support Technician – Networking (Completed - 2024)
 - Cisco Certified Support Technician – Cybersecurity (Completed - 2025)
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Extracurriculars

- Edgar Allan Poe National English Honor Society **Vice President (2025-Present)**
 - Cyber Squad Club, Competed in National Cybersecurity competitions **Member/Competitor (2023-Present)**
 - Youth & Peace in Action **Vice President (2023-Present)**
 - South Asian Student Union **Vice President (2022-Present)**
 - Honor Societies: National Honor Society (2025 - Present), Science Honor Society (2024 - Present), Mu Alpha Theta National Mathematics Honor Society (2024 -Present), National Technical Honor Society (2023 - Present)
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Honors & Awards

- Fourth Place in the Lockheed Martin's Hanover CyberQuest Competition (2025)
- Top 5% of Gold Level Competitors in Air Force Association's Cyber Patriot (2024)
- Second Place in Loyola Blake field Cyber Challenge (2023)
- Future Business Leaders of America: Web Development, third at Regional Competition (2023), E-Business, third at Regional Competition (2022)