

# AARYAN DHAKAL

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(667)-403-0865

Towson, MD

## CAREER ASPIRATIONS

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Seeking an Information Technology job, co-op or internship, available starting May 2025; open to relocation.

## EDUCATION

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- Community College of Baltimore County, (CCBC) - Baltimore, MD (2023 - Present)
- Youngstown State University, (YSU) – Youngstown, OH (2022 – 2023)  
School of Science, Technology, Engineering, and Mathematics (STEM)  
**B.S in Computer Science**, Expected Graduation: May 2026  
**B.S in Mathematics**, Expected Graduation: May 2026

## WORK EXPERIENCE

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IT Application Integration Department, Youngstown State University, OH

**Student Programmer** (December 2022 – September 2023)

- Designing, implementing and supporting full stack web applications in Java & Typescript
- Managing database and writing PL/SQL code to serve it to other pieces of software and to view reports
- Working on maintaining and upgrading internal tools and products provided by the university

Field Technician Department, Youngstown State University, OH

**Student Technician** (October 2022 – December 2022)

- Built and documented an internal tool that increased the efficiency of tasks with the help of automation
- Promoted to Student Programmer role within weeks of starting the job based on skill and work ethic
- Assisted with troubleshooting and software support for clients around the campus
- Prepared and deployed several PCs and AV systems around campus

Anmol Special Education Center, Biratnagar, Nepal ([www.anmolsec.com](http://www.anmolsec.com))

**Software Developer** (December 2021 – May 2022)

- Created an accounting software that tracked transactions, student profiles and generated trial balances and balance sheets on demand
- The software kept track of assets, liabilities and inventory while running blazing fast searches and database querying with caching

## RELEVANT COURSEWORK

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- Computer Science: Advanced Programming, Data Structures and Algorithms, Software Engineering
- Related: Calculus 1, Calculus 2, Discrete Mathematics, Logic & Statistics

## COMPUTER AND TECHNICAL SKILLS

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- Programming Languages: Go, Python, Typescript, C++, SQL, C, JavaScript
- Framework: React, Gin, Django, Tailwind, Unity, Scrapy, Selenium
- Other Technologies: Docker, Kubernetes, Git, GitHub, Redis, Linux, Vim, Figma, GitHub Actions, cPanel, Microsoft Office, Blender

## PROJECT EXPERIENCE

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**NASA Space Apps Challenge**, Virtual Hackathon (2020) (Won Nationally and nominated globally)

- Designed the story and led a team of 5 to create it
- Assigned tasks according to their specific areas of interests and helped when they had difficulties
- Coded a discord bot just to make actions like keeping track of what everyone is doing, the deadlines of the event, the schedules of who works when, etc.

**NetPr**, Remote Printing Solution, (2024)

- Set up and deployed a home server using Ubuntu, Docker, and Kubernetes for remote access and service orchestration.
- Built and maintained a production-like environment, gaining experience in self-hosting, service monitoring, and deployment pipelines.