AARYAN DHAKAL

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CAREER ASPIRATIONS

Seeking an Information Technology co-op or internship, available starting May 2023; open to relocation.

EDUCATION

Youngstown State University, (YSU) – Youngstown, OH
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
- Overall GPA: 3.28 / 4.0

WORK EXPERIENCE

IT Application Integration Department, Youngstown State University, OH
Student Programmer (December 2022 – Present)
- 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)
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

- Computer Science: Programming and Problem Solving 1
- Related: Calculus 1, Calculus 2

COMPUTER AND TECHNICAL SKILLS

- Programming Languages: Python, Typescript, C++, SQL, C#, C, JavaScript
- Framework: React, Django, Bootstrap, Unity, Sockets.io
- Other Technologies: Git, GitHub, Linux, Vim, Visual Studio, cPanel, Telegram API, HTML, CSS, Microsoft Office, Blender

PROJECT EXPERIENCE

E4ease, A Video Conferencing Application, (2020)
- Created from scratch with almost zero plagiarized code mainly for educational purposes.
- Designed the different data structures to hold video buffers and have at least a reasonable frame rate

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.

LANGUAGES

English: Fluent   **Nepali**: Native   **Hindi**: Fluent