

Kripa Lamichhane

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EDUCATION

Bryn Mawr College - Cumulative GPA: 3.73

Major: Bachelor of Computer Science and Mathematics, Minor in Data Science

Bryn Mawr, PA

Expected May 2026

Relevant Coursework: Data Structures & Algorithms in Java, Intermediate IOS development, Databases in Practice, Algorithms Design & Practice, Web Development, Linear Algebra, Modeling & Simulation, Intro to Data Science, Excel Product Management, Calculus II, Discrete Maths, Ethics in Data Science, OOP

Honors/Awards: New Face Of Tech Scholarship Winner (Dec 2023), Edith May Broecker Fund 2023, Ideathon 2.0 Winner, Tri-Co Protothon 1st Runner-Up, Academic Excellence

WORK EXPERIENCE

Teacher Assistant - Computer Science I

Bryn Mawr College

Bryn Mawr, PA

Aug 2023 – Present

- Provided one-on-one and group support to students in Java syntax, command-line arguments, and basics of OOP, debugging
- Conducted office hours (4 - 6 hours) and provided extra support via online platforms (Piazza, Slack)
- Supported tutoring three sections of Intro Computer Science with 25+ students per class
- Prepared daily reports of office hours summarizing the turnout and conceptual questions

Lead Researcher, Outreach Manager - ArtHub Nepal

Incubate Nepal

Kathmandu, Nepal

Oct 2021 – Jun 2023

- Created and maintained a database of over 50+ archival murals and Regular Murals from indigenous communities
- Interviewed 12+ artists and an Art-based media page for design-thinking insights
- Facilitated complimentary access to detailed information and historical context of mural origins for 800+ users

PROJECT WORK

Full Stack Developer - Real State Website

Passion Project

Bryn Mawr, PA

Jan 2024

- Designed and Deployed Full Stack Website using MERN(MongoDB, Express, React, Node.js)
- Worked individually on Graphics, Frontend, and Backend to create user-friendly applications for Real state hunters.

Product Designer - Ratatouille

Tri-Co Protothon

Bryn Mawr, PA

Feb 2023

- Created a prototype of a problem-solving tool for food waste around communities to end hunger
- Achieved 1st runner-up position and earned recognition for Best UI/UX Design among peers from Swarthmore, Haverford, and BMC

Student Researcher, Web Designer - Gyane

Student Research Council Nepal

Kathmandu, Nepal

Feb 2021 – Apr 2022

- Created an answer directory for questions surrounding traditional Nepali cuisines with 250+ users
- Experimented with Replit and Visual Studio Code and designed the website prototype in Figma; presented the idea using Canva

LEADERSHIP & PROFESSIONAL DEVELOPMENT

President - Girls Who Code Bryn Mawr

College Loop, Bryn Mawr College

Bryn Mawr, PA

Jul 2023 – Present

- Led and organized weekly club meetings and activities with regular 15+ members
- Collaborated with 3 campus organizations and 2 Faculty fields to conduct networking sessions for girls to promote tech.
- Advocated for diversity and inclusion in STEM fields with a total of 87 members on the campus

Activities and Orientation Assistance

Bryn Mawr College

Bryn Mawr, PA

Aug 2023 – Present

- Completed 10+ trainings focused on developing leadership skills, event planning, interpersonal skills & cultural sensitivity
- Coordinated and executed college-wide orientation programs for 1400 students
- Managed college-wide events' logistics and resources with 150+ clubs

Secondary Level Computer Science Teacher

Little Flower School

Chitwan, Nepal

Mar – Jul 2022

- Taught Computer Science to 400+ students and English to 200+ students
- Developed and implemented dynamic daily & semester lesson and lab plans for 120+ days
- Prepared 10+ question/answer sheets for tests and semester examination

OTHER SKILLS

Programming: Java, Intro Python, Intro Swift, HTML, CSS, JavaScript, R programming,

Software Tools: Replit, Figma, VS code, Canva, Vim Basics, X-code, MongoDB, Spreadsheet/Excel, Beginner Spark AR, PostgreSQL

Curriculum Skills: Time Management, Research, Outreach Services, Teaching, Project Planning, Design Thinking