

Samir Ansari

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EDUCATION

FISK UNIVERSITY

Nashville, TN

Bachelor of Science in Computer Science

Expected: May 2026

- **Relevant Coursework:** Advanced Front-end Development (React, Redux, Node.js, MongoDB), Intro to Computer Science I (Python), Calculus II
- **Technical Skills:** Python (OOP, Django, Pygame, Numpy), JavaScript (ES6, React.js, Redux), Node.js, HTML5/CSS/SASS (Flexbox, CSS Grid, Tailwind CSS)
- **Tools & Platform:** Linux, Git/GitHub, NPM, Yarn, Figma, Firebase

RELEVANT EXPERIENCE

EVERESTWALK GROUPS

Kathmandu, NP

Front-end Engineer, Summer Intern

April 2022–Aug 2022

- Collaborated with the back-end developers to contribute **30%** of code in API integration, developing landingpage & admin portal resulting in more frequent integration testing, increased productivity, and less buggy application.
- Revamped all the visual aspects of the web app and admin portal using **Tailwind CSS** and **MIUI**. Modularized codes and fixed bugs resulting in system performance and scalability improvements.
- Contributed **20%** of the programming content, performed unit-testing, and wrote documentation for the future scaling of the [MWell](#) platform.

ASTRONOMY ENTHUSIASTS IN NEPAL ([AEN](#))

Kathmandu, NP

Lead Developer

July 2020–Aug 2022

- Worked with board members to lead a team growth from **5 to 25 in 7 months** by hiring, supervising, training members about computer science & programming concepts, dry/clean coding, and Git/GitHub.
- Standardized all output with a new, responsive, mobile-first approach by optimization of images, code, and cross-browser compatibility, increasing user traffic significantly. Contributed to **80%** of the deployment code.
- Organized and led weekly zoom-meetings with board members to discuss issues raised and improve user experience.

PROJECTS

Crwn Clothing | React, Redux, Redux Saga, Firebase

- A fully functional clothing web application built with React. Used Redux, and Redux Saga for state management and implemented a **database & user authentication** with **firebase**.
- Used **Stripe API** to implement a secured & properly functional payment portal.

Mooon Light | TypeScript, Python

- Contributed to an open-source platform (packagecontrol.io) by developing an extension theme for Sublime Text 3/4, which gained over **2000** downloads. ([preview](#))

Sudoku Solver | Python, Backtracking, Pygame

- Implemented **backtracking algorithm** and **recursion** to solve any complex sudoku puzzle.
- Built an interactive GUI application for visualizing the solving process.

Blackjack | Python, Pygame

- Created a text version of blackjack in Python where a user can play against an automated dealer. Wrote thorough unit tests and integration tests to verify the correctness of the behavior. Built a GUI version of the game using pygame. ([preview source code](#))

OTHER INTERESTS

Volunteering for the environment and community conservation
Tutoring/Mentoring fundamental concepts to friends & juniors.
Working out: Weight lifting