KABINDRA SHRESTHA

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EDUCATION

Vanderbilt University, Nashville, TN | Bachelor of Science   **May 2020**
Majors: Computer Science and Applied Mathematics | **Minor:** Engineering Management   **GPA:** 3.73/4.00

Relevant Coursework: Artificial Intelligence (Fall 2020), Programming Languages (Fall 2020), Algorithm, Intermediate Software Design, Operating Systems, Data Structures, Discrete Structures, Linear Algebra, Probability and Statistics

SKILLS

- **Programming Language:** C++, HTML/CSS, JavaScript, Python, Java, R
- **Technology:** Linux, React, Node, Git, Gatsby, GraphQL, MongoDB
- **Foreign Language:** German (Goethe-Certificate B1), Hindi, Nepali

EXPERIENCE

freeCodeCamp   **May 2020 – Present**
Open Source Contributor
- Updated the structure of freeCodeCamp.org's */learn* page using React, Gatsby, and GraphQL.
- Optimized the */learn* page query and minimized the size of data fetched to about 1/6 of that fetched by the master branch.
- Altered tests using Jest to reflect the new structure of the site.

Vanderbilt University, Nashville, TN   **August 2020 – Present**
Teaching Assistant for Discrete Structures (CS 2212)
- Evaluate homework assignments and hold office hours to help students understand the course concepts.

Leapfrog Technology, Kathmandu, Nepal   **June 2017 – September 2017**
Website Interface & Digital Marketing Intern
- Developed front-ends of websites for two client companies - an online-pharmaceutical company, Eazy Care Nepal, and a finance company, Nihal Finance - using HTML, CSS, and JavaScript.
- Created and boosted Facebook ads and posts for Nihal Finance which increased the page followers by 30%.

PERSONAL PROJECTS

Hues and Lows | React, TypeScript
- Digital journal which allows users to keep track of their mood by using colors.
- Developed the front-end of the application. The project was demoed at VandyHacks VI hackathon.

Transposer | HTML, Bootstrap, JavaScript
- Web application that transposes the chords of a song from one key to another.

Pocket | React, Node, MongoDB, Express.js
- Web application that allows the user to easily keep track of their expenses.

LEADERSHIP

Vanderbilt Free and Open Source Society (vFOSS) | Secretary   **May 2020 – Present**
- Organize weekly meetings and monthly events to promote contribution to open-source software.
- Ensure effective communication between club executives and club members.
- Assist new members in using Linux, Git, and GitHub, and getting started with open-source contribution.

International, Learning, Empowering, Advising, and Developing (iLEAD) | Mentor   **March 2019 – May 2020**
- Planned the International Student Orientation for the incoming international students at Vanderbilt University.
- Mentored group of seven international students throughout academic year 2019/20 and assisted group members in cultural, academic, and social adjustment.