

# PRATIK KARKI | Résumé

📍 1115 8th Avenue # 3716, Grinnell, IA 50112, U.S.A.

## »»» Education

Exp. 2020      **B.A. in Computer Science and Economics**      Grinnell College, Grinnell, IA

- » Dean's List: Fall Semester 2016
- » Coursework: Team Software Development, Discrete Structures, Microeconomic Analysis, Kiswahili I

## »»» Experience

2018/05-07      **Local Sightings Intern**      Northwest Film Forum, Seattle, WA

- » Redeveloped the organizational website and archived past film festivals with an improved user interface
- » Systematized a statistical analysis and tracking framework using Tableau to assess the demographics of the 5,000+ yearly customers in the Pacific Northwest Region

2017-Present      **Android Developer and UX Design Trainee**      Grinnell AppDev, Grinnell, IA

- » Designed, developed, and maintained five Android applications with over 1,000 daily users
- » Enhanced user satisfaction and loyalty by improving the user interfaces for the apps created

2017/06-08      **Front End Developer**      Creasion Nepal, Kathmandu, Nepal

- » Retooled the website interface to include blog and video options and an admin login page and widened user base to over 100 daily users
- » Supervised a team of 4 students that initiated work on a Java based Android mobile app with news and blog sections and counseled even after my time at the organization

2015-2016      **Service Learning Intern**      Rato Bangala Foundation, Lalitpur, Nepal

- » Facilitated educational workshops in 35 rural schools in 14 earthquake affected districts of Nepal
- » Conducted surveys using SPSS on 2000+ students and teachers and presented data to acquire relief funding
- » Spearheaded initiative to develop new website with application forms and established a social media presence

## »»» Projects (Available on Github)

2018/01-05      **Local Foods Connection**      Team Software Dev., Grinnell, IA

- » Collaborated with a team to construct a farm search function and admin login for the organization's website
- » Assigned Lead UI/UX Design and improved the overall Javascript design along with refactoring legacy code
- » Aided in developing a new database for user profiles and added supplementary search options
- » Streamlined the SQL structure and successfully deployed the website on Heroku

2017/08-12      **Java Programs**      O.O. Design/Algorithms, Grinnell, IA

- » Grin-compression: File compression using Huffman trees for a lossless compression algorithm
- » Sounds of Sorting: A sorting program which visualizes six sorting algorithms with piano notes as indicators
- » Learning-genie: A guessing game program that asks the user questions and iteratively builds a database of right and wrong answers. Finally, the program guesses the correct answer within a given number of questions
- » Alife Simulation: An artificial life simulation that visualizes the cooperation between bacteria by emulating real-life preconditions

## »»» Computing Skills

- » Proficient: Java · C ·  $\LaTeX$  · Scheme · Ruby on Rails · HTML · Android Studio & NDK · Ruby · Tableau · SPSS
- » Intermediate: Git · Unix/Linux · Javascript · C++ · Adobe Creative Suite · CSS · Final Cut Pro
- » Novice: SQL · C# · Python · Gallina · PHP · Swift

## »»» Miscellaneous

- » Languages: Nepali (Native) · English (Fluent) · Hindi (Fluent) · Spanish (Basic)
- » Hobbies: Hiking · Wilderness · Filmmaking · Volunteering · Sketching · Guitar · College Football