

# 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 with an improved user interface using *HTML/CSS/Javascript*
  - » Systematized a database system using *Oracle* to assess the demographics of the 5,000+ yearly customers
- 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 Interface* for the apps created
- 2017/06-08      **Front End Developer**      [Creasion Nepal, Kathmandu, Nepal](#)
- » Supervised a team of 4 students that initiated work on a *Android Application* with news and blog sections
  - » Retooled the website interface to with an admin login page using *Javascript*
  - » Implemented *blog and video options* on the website and ensured a user base of over 100 daily users
- 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 a website* 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 using *Ruby on Rails*
  - » Assigned *Lead UI/UX Design* and improved the overall *Javascript* design along with refactoring legacy code
  - » Aided in managing a proper *SQL Database* for user profiles and added supplementary search options
  - » Systematically documented the codebase 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 *iteratively builds a database* and guesses the correct answer
  - » Alife Simulation: 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