

PRATIK KARKI | CV

- » **Status:** B.A. in Computer Science and Economics @ [Grinnell College](#)
- » **Address:** 1115 8th Avenue # 3716, Grinnell, IA 50112, United States of America

»»» 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 **Programs** [O.O. Design/Algorithms, Grinnell, IA](#)
- » Grin-compression: File compression using Huffman trees for a lossless compression algorithm
 - » Sounds of Sorting: A Java visualizer and audibilizer for six sorting algorithms
 - » Learning-genie: A persistent program that plays a guessing game with the user and learns from its mistakes, building a database of questions and guesses along the way
 - » 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

»»» Other Interests

- » Hiking · Wilderness · Filmmaking · Volunteering · Sketching · Guitar · College Football