

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](#)

- » 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](#)

- » Redeveloped the organizational website and archived past film festivals with an improved user interface
- » Assisted in marketing, outreach, and statistical analysis of audience groups in the Pacific Northwest Region

2017-Present **Android Developer and UX Design Trainee** [Grinnell AppDev](#)

- » 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](#)

- » Retooled the website interface to include blog and video options and a login page
- » Initiated work on a Java based Android mobile app with news and blog sections

2015-2016 **Service Learning Intern** [R.B. Foundation](#)

- » Traveled, worked, and surveyed students and teachers in many rural schools of Nepal post 2015 earthquake
- » 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.](#)

- » 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](#)

- » 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 · CSS · HTML · Android Studio & NDK · Ruby
- » Intermediate: Git · Unix/Linux · Javascript · C++ · Adobe Creative Suite · Final Cut Pro
- » Novice: SQL · C# · Python · Gallina · PHP · Swift

»»» Other Interests

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